

HP 9000 Series 300 Support Matrix*

Series

300

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This document summarizes the compatibility of the optional products available for the Series 300. For detailed support information, consult the **HP 9000 Workstation Configuration Guide** (HP pub. no. 5952-8594) and **Installing Peripherals** (HP part no. 97005-90002).

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SPUs Covered by this Document

The phrase "all SPUs" denotes Models 310, 318, 319, 320, 330, 332, R/332, 340, 345, 350, 360, V/360, 370 and 375. The 300-based HP 6954A is not included. A separate matrix exists for PC300s.

SPU Host Types

Many entries in this document refer to "all DIO-I", "all DIO-System" and/or "all DIO-II" hosts. The following table correlates those designations to specific SPU Models. Not all slots listed as "Yes" are standard on all Models. Some slot capabilities may be optional at extra cost.

	Slot Types Supported			
	DIO			VME
	-I	-System	-II	
310	Yes	Yes	No	98646A
318°	No	No	No	None
319°	No	No	No	None
320°	Yes	Yes	No	98646A
330	Yes	Yes	Yes	98577A, 98646A
332	Yes	Yes	No	98646A
R/332	Yes	No [§]	No	98646A
340	Yes	No [§]	No [§]	98646A
345	No	No [§]	No [§]	None
350	Yes	Yes	Yes	98577A, 98646A
360	Yes	Yes	Yes	98577A, 98646A
V/360	No	No [§]	No [§]	E1400B (VXI)
370	Yes	Yes	Yes	98577A, 98646A
375	Yes	Yes	Yes	98577A, 98646A

SPU Model	HP-UX Support as Diskless...	
	Client	Server
310	6.0-6.5	Unsup.
318	6.0→	Unsup.
319	6.0→	6.2→
320	6.0→	Unsup.
330	6.0→	6.2→
332	6.5→	Unsup.
R/332	6.5→	Unsup.
340	6.2→	6.2→
345	7.0→	7.0→
350	6.0→	6.0→
360	6.2→	6.2→
V/360	7.0→	7.0→
370	6.2→	6.2→
375	7.0→	7.0→

Support Status

To be supported, a device must be *qualified* on the computer model being considered *and* have *software support* on the operating system being considered.

This means the device must appear in the appropriate column under "Hardware Support" and "Earliest Operating System Version". For software support, the tables show the earliest system version available for the Series 300. Earlier systems may support the device on a Series 200 system. All later versions of the system also support the device.

The status of configurations "planned" and "under investigation" may change within 30 days. Contact your HP Sales Representative for current peripheral support information. Users may send comments and corrections to:

HPDESK: MATRIX (HPFCRJN) /HP4000/UX,
Internet: matrix@hpfcrrjn.FC.HP.COM,
UUCP: hpfcselmatrix.

This document is available to HP internal users as a PCL data object; directory ~ftp/misc/Matrix on system hpfcsel. System hpfcsel is not an open subnet host. Customer access via anonymous ftp is under investigation.

* Information subject to change without notice.

§ "Yes" for CPU board (332) or internal video/console interface (340, 345, V/360) only.

Compatibility and Regulatory Information

An entry of "Supported" under "Hardware Support" means that the peripheral complies with at least FCC Class A and at least VDE/FTZ Level A in a system configuration. These classifications refer to the electromagnetic interference (EMI/RFI) properties of the system. It also means that a diagnostic or exerciser program exists for that mainframe and HP offers on-site service of the system.

"Planned" means that testing was in progress at time of publication and that HP plans to support the configuration indicated by that entry. Contact your HP Sales Representative for current information. "Under Investigation" and "Inv." represent a configuration that HP would like to support, but outstanding qualification or technical issues must first be resolved.

"Unsupported" and "Uns." indicate that the device is untested and no testing is planned. They are,

however, not known to not work. These devices should not be purchased for use with the mainframe/operating system under which the "Unsupported" appears. Many of these devices are Series 200 accessories and peripherals. Although Series 300 software is essentially identical to Series 200 software, not all peripherals supported by the Series 200 have been qualified on the Series 300. This means it is possible for a device to be supported by the *software* but not by the *hardware*.

"Does not function" and "No." indicate that the device is not supported by the mainframe or operating system shown in that column *and does not work*. "Does not function" in a hardware column indicates that the device has no interface or cable. "Does not function" in a software column indicates that the device either has no supporting software or cannot perform all functions required for support.

"NA" indicates "not applicable". "____" (underscores) indicate that information was not available at time of publication.

An "ID" in the boot ROM column means that the device (typically an interface or accessory card) is merely identified by the boot ROM and is not used as a system load device. A *number* (such as 5.0) in a software support column indicates the earliest version of the operating system for which device-supporting software exists and in which the peripheral has been tested. "NOP" in the boot ROM column indicates that the device is ignored by the boot ROM.

A vertical bar in the margin indicates changes and additions since the edition of
Mon Jul 23 12:50:00 MDT 1990.

Series 300 Disk Compatibility

This table includes disk and disk/tape drives. The "Min. Boot ROM" column shows the earliest ROM capable of loading an operating system from the device.

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
A-200EF	200 Mb HDA & -SFLP	SCSI	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
A-660E	660 Mb external	SCSI	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
A-ADD-697	External cluster	SCSI	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
AADD SFLP	5¼-in. ext. flex.	SCSI	No	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
A1440A	200 Mb s400 internal	SCSI	-	< use 98433D>						
A1442,3,4	330/660 Mb s400 internal	SCSI	NA	< use C2212/13A>						
A1448A	CD-ROM, s400 internal	SCSI	NA	< use C2212/13A>						
C1700A	6300 20GB/A Optical	SCSI	Rev.C	Supported on all Models except 310, 318 and 320.	No	via HP-UX	via HP-UX	via HP-UX	7.0	No
C1701A	6300 650/A Optical	SCSI	Rev.C	Supported on all Models except 310, 318 and 320.	6.0	via HP-UX	via HP-UX	via HP-UX	6.5	3.23
C1707A	6100 600/A CD-ROM	HP-IB	Rev.C	Supported on all Models	Unsup.	via HP-UX	Inves.	2.0	7.0	Inves.
C2200A	6000 335H 335 Mbyte disk	HP-IB	Rev.C	Supported on all Models	—	via HP-UX	2.0	1.3	7.0	—
C2201A	6000 670FL 670 Mbyte disk	HP-FL	NA	No FL interface on 300	NA	NA	NA	NA	NA	NA
C2202A	6000 670XP (670H w/cache)	HP-IB	Uns.	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
C2203A	6000 670H 670 Mbyte disk	HP-IB	Rev.C	Supported on all Models	—	via HP-UX	2.0	1.3	7.0	—
C2204A	6000 1.34FL 1.34 Gbyte disk	HP-FL	NA	No FL interface on 300	NA	NA	NA	NA	NA	NA
C2212A	6000 330/S 330 Mb disk	SCSI	Rev.C	Supported on all Models except 310, 318 and 320.	6.0	via HP-UX	via HP-UX	via HP-UX	7.0 ⁷	3.23
C2213A	6000 660/S 660 Mb disk	SCSI	Rev.C	Supported on all Models except 310, 318 and 320.	6.0	via HP-UX	via HP-UX	via HP-UX	7.0 ⁷	3.23
Opt.001/021	< see C2290A>									
Opt.002/022	< see C2291A>									
Opt.003	< see C2292A in Tapes section>									
Opt.004/024	< see C2293A>									
Opt.005	< see C2294A>									
C2212D	6000 330/D 330 Mb disk	SCSI	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
C2213D	6000 660/D 660 Mb disk	SCSI	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
C2269A	Network Mass Storage System	SCSI	→	Under investigation	←	←	←	←	←	←

⁷ This symbol is used throughout this document to denote discontinued products listed for reference. Discontinued⁷ devices may still be available as used, refurbished or remanufactured products from HP's Finance and Remarketing Division. Add an "R" to the product number, e.g. 7935HR.

Series 300 Disk Compatibility, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
C2290A	330 Mbyte hard disk upgrade	SCSI	Rev.C	Supported on all Models except 310, 318 and 320.	6.0	via HP-UX	via HP-UX	via HP-UX	7.0 ⁷	3.23
C2291A	660 Mbyte hard disk upgrade	SCSI	Rev.C	Supported on all Models except 310, 318 and 320.	6.0	via HP-UX	via HP-UX	via HP-UX	7.0 ⁷	3.23
C2293A	CD-ROM upgrade	SCSI	Rev.C	Supported on all Models except 310, 318 and 320.	Unsup.	via HP-UX	via HP-UX	via HP-UX	7.0 ⁷	No
C2294A	Re-Writeable Optical disk upgrade	SCSI	Rev.C	Supported on all Models except 310, 318 and 320.	6.0	via HP-UX	via HP-UX	via HP-UX	7.0	3.23
7905°/06°	15/20 Mbyte MAC disks	HP-IB	Uns.	Unsupported on all Models.	No	Uns.	Uns.	Uns.	Uns.	No
7905°/06°	15/20 Mb ICD, 16-bit MAC	HP-IB	NOP	Do not function on Series 300	No	No	No	No	No	No
7907A	20.5/20.5 Mbyte CS/80 ctg. disk.	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
7908P°	16.5 Mbyte CS/80 disk/ctg. tape, with or w/o Opt.140	HP-IB	Rev.A	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
7911°P/R	28.1 Mbyte CS/80 disk/ctg. tape	HP-IB	Rev.A	Supported only on 310, 318, 319, 320, 330, 350, 360 and 370.	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
Option 001	separate ctg. tape controller	-	Rev.A	As above	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
Option 140	delete cartridge tape drive	-	Rev.A	As above	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
7912°P/R	65.6 Mbyte CS/80 disk/ctg. tape	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
Option 001	separate ctg. tape controller	-	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
Option 140	delete cartridge tape drive	-	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
7914°CT	7914R,9144A in 92211R cabinet	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
Option 140	delete cartridge tape drive	-	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
7914°P/R	132 Mbyte CS/80 disk/ctg. tape	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
Option 001	separate ctg. tape controller	-	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
Option 140	delete cartridge tape drive	-	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
7914TD°	Disk/tape (7914R#140+7971A)	HP-IB	Rev.A ⁴	Unsupported on all Models.	No	5.5 ^{RW}	via HP-UX	via HP-UX	5.0	No
Option 002	add ctg. tape w/sep. controller	-	Rev.A ⁴	Unsupported on all Models.	No	5.5	via HP-UX	via HP-UX	5.0	No
Option 114	add second 7914R#140 disk	-	Rev.A ⁴	Unsupported on all Models.	No	5.5	via HP-UX	via HP-UX	5.0	No
Option 240	add ctg. tape (single contrlr.)	-	Rev.A ⁴	Unsupported on all Models.	No	5.5	via HP-UX	via HP-UX	5.0	No
7914ST°	Disk/tape (7914R#140+7974A)	HP-IB	Rev.A ⁴	Supported on all Models	No	5.5 ^{RW}	via HP-UX	via HP-UX	5.0	No ⁶
Option 002	add ctg. tape w/sep. controller	-	Rev.A ⁴	Supported on all Models	No	5.5	via HP-UX	via HP-UX	5.0	No ⁶
Option 114	add second 7914R#140 disk	-	Rev.A ⁴	Supported on all Models	No	5.5	via HP-UX	via HP-UX	5.0	No ⁶
Option 240	add ctg. tape (single contrlr.)	-	Rev.A ⁴	Supported on all Models	No	5.5	via HP-UX	via HP-UX	5.0	No ⁶
Option 800	adds 800 cpi NRZI to 7974A	-	Rev.A ⁴	Supported on all Models	No	5.5	via HP-UX	via HP-UX	5.0	No ⁶
7920°/25°	50/120 Mbyte MAC disks	HP-IB	Uns.	Unsupported on all Models	No	Uns.	Uns.	Uns.	Uns.	No
7920°/25°	50/120 Mb ICD, 16-bit MAC	HP-IB	NOP	Do not function on Series 300	No	No	No	No	No	No

Series 300 Disk Compatibility, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
7933°H	404 Mbyte CS/80 fixed disk	HP-IB	Rev.A	Supported on all Models	5.0	5.5	via HP-UX	via HP-UX	5.0	3.1
7935°H	404 Mbyte CS/80 removable disk	HP-IB	Rev.A	Supported on all Models	5.0	5.5	via HP-UX	via HP-UX	5.0	3.1
7936FL	7936 FL i/f	HP-FL	None	No HP-FL interface on Series 300	NA	NA	NA	NA	NA	Na
7936H	308 Mbyte CS/80 fixed disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.1	3.1
7936XP	7936H plus cache	HP-IB	Rev.A	Supported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
7937FL	7937 FL i/f	HP-FL	None	No HP-FL interface on Series 300	NA	NA	NA	NA	NA	NA
7937H	571 Mbyte CS/80 fixed disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.1	3.1
7937XP	7937H plus cache	HP-IB	Rev.A	Supported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
7941A°	23.8 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
7942A°	7941A and 9144A packaged disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
7945A°	55.5 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
7946A°	7945A and 9144A packaged disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
7957A	80 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	5.0	5.5	via HP-UX	via HP-UX	5.1	3.1
7957B	80 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
7957S	107 Mbyte disk	SCSI	Rev.C	Supported on all Models with SCSI	6.0	5.5	via HP-UX	via HP-UX	6.0	3.23
7958A	131 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	5.0	5.5	via HP-UX	via HP-UX	5.1	3.1
7958B	152 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
7958S	161 Mbyte disk	SCSI	Rev.C	Supported on all Models with SCSI	6.0	5.5	via HP-UX	via HP-UX	6.0	3.23
7959B	304 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
7959S	323 Mbyte disk	SCSI	Rev.C	Supported on all Models with SCSI	6.0	5.5	via HP-UX	via HP-UX	6.0	3.23
°7962B	152 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
°7963B	304 Mbyte CS/80 disk	HP-IB	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
°97962B	152 Mbyte add-on disk	-	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
97963B	304 Mbyte add-on disk	-	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
82901°/02°M/S	270 Kb 5¼-in. flex. disks See Note 11.	HP-IB	Rev.A	Supported on 310 & 320 only. Unsupported on all others.	Uns.	5.5	via HP-UX	via HP-UX	5.0 ⁸	Uns. ^H
9114A°/B	Battery-op 3½-in. flex. disk	HP-IL	None	Does not function on Series 300	No	No	No	No	No	No
9121°D/S	270 Kb AMIGO 3½-in. flex. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	Via utils.	5.0 ⁸	3.1 ^H
9122C	1.4 Mb SS/80 3½-in. flex. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	6.0	3.1
9122D°/S°	630 Kb SS/80 3½-in. flex. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	5.0	3.1
9123D°	HP 150-II dedicated 9122D	HP-IB	Uns.	Series 300 cannot power 9123D	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
9125S°	270Kb/IBM 5¼-in. SS/80 flex. disk	HP-IB	Rev.A	Supported on all Models	4.0 ⁵	5.5	1.0*	Via utils.	5.0 ⁵	3.1 ⁵
9127A	270Kb/IBM 5¼-in. SS/80 flex. disk	HP-IB	Rev.A	Supported on all Models	4.0 ⁵	5.5	1.0	1.0	5.0 ⁵	3.1 ⁵

Series 300 Disk Compatibility, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	HP BASIC		Earliest Software Support			
					/WS	/UX	98286	SoftPC®	HP-UX	PAWS
9133A° Option 010	9134A and 9121S pkg. disk single 4.6 Mb vol. fmt.	HP-IB	Rev.A	See Note 11. Supported on 310 & 320 only.	5.0	Uns.	Uns.	Uns.	Uns. ²	Uns. ^H
9133B°	9134B and 9121S pkg. disk	HP-IB	Rev.A	Supported on 310 & 320 only.	Uns.	Uns.	Uns.	Uns.	Uns. ²	Uns. ^H
9133D°	9134D and 9122S pkg. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	5.0 ²	3.1
9133H°	9134H and 9122S pkg. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	5.0 ²	3.1
9133L°	9134L and 9122S pkg. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	5.0 ²	3.1
Option 001	1024 byte sectors	-	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	5.0 ²	3.1
9133V°	4.6 Mbyte AMIGO winchester	HP-IB	Rev.A	Supported on all Models	5.0	Uns.	Uns.	Uns.	Uns. ²	3.12 ^H
Option 004	four 1.2 Mb vol. fmt	-	Rev.A	Supported on all Models	5.0	Uns.	Uns.	Uns.	Uns. ²	Uns.
9133XV°	9134XV and 9121S pkg. disk	HP-IB	Rev.A	Supported on all Models	5.0	Uns.	Uns.	Uns.	Uns. ²	3.12 ^H
9134A°	4.6 Mbyte AMIGO winch. disk	HP-IB	Rev.A	See Note 11.						
Option 010	single 9.7 Mb vol. fmt.	-	Rev.A	Supported only on 310 & 320.	5.0	Uns.	Uns.	Uns.	Uns. ²	3.12
9134B°	9.7 Mbyte AMIGO winch. disk	HP-IB	Rev.A	Supported only on 310 & 320.	5.0	Uns.	Uns.	Uns.	Uns. ²	3.12
9134D°	14.8 Mbyte SS/80 winch. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
9134H°	19.9 Mbyte SS/80 winch. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
9134L°	39.9 Mbyte SS/80 winch. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
Option 001	1024 byte sectors	-	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0 ²	3.1
9134XV°	14.5 Mb AMIGO winch. disk	HP-IB	Rev.A	Supported on all Models	5.0	Uns.	Uns.	Uns.	Uns. ²	3.12 ^H
Option 010	single 9.7 Mb vol. fmt.	-	Rev.A	Supported on all Models	5.0	Uns.	Uns.	Uns.	Uns. ²	3.12 ^H
9135A°	9134A and 82902M pkg. disk	HP-IB	Rev.A	Supported only on 310 & 320. See Note 11.	5.0	Uns.	Uns.	Uns.	Uns. ²	Uns. ^H
9153A°	9154A and 9122S pkg. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	5.1 ²	3.1
9153B°	9154B and 9122S pkg. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	5.1 ²	3.1
9154A°	10 Mbyte SS/80 winch. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	via HP-UX	5.1 ²	3.1
9154B°	20 Mbyte SS/80 winch. disk	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	via HP-UX	5.1 ²	3.1
9153C	Modular SS/80 disk drive									
Opt. 010	10 Mbyte	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	6.0 ²	3.2
Opt. 011	10 Mbyte, w/o flexible	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	6.0 ²	3.2
Opt. 020	20 Mbyte	HP-IB	Rev.A	Supported on all Models	4.0	5.5	2.0*	2.0*	6.0 ²	3.2
Opt. 021	20 Mbyte, w/o flexible	HP-IB	Rev.A	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	6.0 ²	3.2
Opt. 040	40 Mbyte	HP-IB	Rev.A	Supported on all Models	4.0 ¹³	5.5	2.0*	2.0*	6.0 ²	3.2
Opt. 041	40 Mbyte, w/o flexible	HP-IB	Rev.A	Supported on all Models	4.0 ¹³	5.5	via HP-UX	via HP-UX	6.0 ²	3.2
9153M	20 Mbyte add-on disk	9153C	Rev.A	Supported on all Models	4.0 ¹³	5.5	via HP-UX	via HP-UX	6.0 ²	3.2

Series 300 Disk Compatibility, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
°9262B	Removeable-mechanism 7962B	HP-IB	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
°9263B	Removeable-mechanism 7963B	HP-IB	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
97902B	152 Mbyte add-on disk	-	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
97903B	304 Mbyte add-on disk	-	Rev.A	Supported on all Models	5.1	5.5	via HP-UX	via HP-UX	6.0	3.1
98433D	Model 345 200 Mb internal	SCSI	Rev.D	Supported only on Model 345	6.0	via HP-UX	via HP-UX	vis HP-UX	7.0 ⁷	3.23
9885°M/S	512 Kbyte flexible disk	GPIO	Uns.	Unsupported on all Models	Uns.	No	No	No	No	Uns. ^H
9895A°	Dual 1.2 Mb AMIGO flex. disk	HP-IB	Rev.A	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	Uns.	Uns.	Uns.	Uns.	Uns.	3.12 ^H
Option 010	single 1.2 Mb master drive	-	Rev.A	As above.	Uns.	Uns.	Uns.	Uns.	Uns.	3.12 ^H
Opt.011,012	slave° drives	9895	Rev.A	As above.	Uns.	Uns.	Uns.	Uns.	Uns.	3.12 ^H

° Discontinued product listed for reference.

* Copy-protected or otherwise media-secured flexible disk applications not supported.

H Only LIF and WS1.0 file systems are supported by Pascal on AMIGO and GPIO flexible disks. HFS is known to not work.

2 These disk drives may not meet the minimum requirement for a "system disk" in HP-UX. They may be used as secondary "mounted volumes" or LIF utility volumes only. Direct installation to an AMIGO disk is not supported.

4 The boot ROM supports only the 7914R disk and not the 7970E/7974A mag tape.

5 File system support limited to HP directory types.

7 A post-7.0 software patch may be required to support this device. The patch will be included on 7.0 DSL systems. Contact the factory if configuring a user-installed HP-UX system.

8 The *mediainit* command does not support AMIGO disks.

9 Only sequential-mode is supported. Operator intervention or user programming required to change tapes.

11 Timing sensitivities on these drives cause them to not work the Model 350. They have not been tested on the 318, 319, 332, 340, 345, 360, V/360, 370 or 375.

13 HFS not supported on the single-volume configuration until 5.1

Series 300 Magnetic Tape Compatibility

The "Min. Boot ROM" column shows the earliest ROM capable of loading an operating system from the device.

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	/UX	DOS/HP-UX 98286	SoftPC®	HP-UX	PAWS
A-ADD-6250	½-inch 9-track 1600/620 bpi	SCSI	Unsup.	Unsupported	No	Unsup.	Unsup.	Unsup.	Unsup.	No
AADDESTC	¼-inch 9-track QIC-24 ctg. drive	SCSI	Inves.	Under investigation	No	No	Inves.	Inves.	Inves.	No
A-EX-	8mm 2.3 Gbyte external	SCSI	Unsup.	Unsupported	No	Unsup.	Unsup.	Unsup.	Unsup.	No
C1511A	1.3 Gbyte DDS (DAT)	HP-IB	None	Supported on all Models except 310.	Unsup.	Unsup.	Unsup.	Unsup.	7.0 ⁷	Unsup.
C1512A	1.3 Gbyte DDS (DAT)	SCSI	Inves.	Supported on all Models except 310, 318 and 320.	Unsup.	Unsup.	Unsup.	Unsup.	7.0 ⁷	Unsup.
C2212/13A #003 C2292A	Series 600 enclosure < see C2292A > 1.3 Gbyte DDS (DAT) field upgrade	SCSI	Inves.	Supported on all Models except 310, 318 and 320.	Unsup.	Unsup.	Unsup.	Unsup.	7.0 ⁷	Unsup.
°35401A	536 Mbyte HCD CS/80 autochanger	HP-IB	Rev.A	Supported on all Models	4.0 ⁹	5.5	via HP-UX	via HP-UX	5.1	3.1 ⁹
7970°A..C 7970E° ³ 7971A°	7 & 9-tk mag tape drives 9-tk mag tape drive 1600 cpi PE 9-tk tape drive	16-bit HP-IB	NA NOP	No interface available on Series 300 Unsupported on all Models	No No	No No	No No	No No	No No	No No
7971A° Option 140	1600 cpi PE 9-tk tape drive single master	HP-IB	NOP	Unsupported on all Models	No	5.5 ^{RW}	via HP-UX	via HP-UX	5.0	No
7974A° Option 800	1600 cpi PE 9-tk tape drive adds 800 cpi NRZI	HP-IB -	NOP NOP	Supported on all Models Supported on all Models	No No	5.5 ^{RW} 5.5 ^{RW}	via HP-UX via HP-UX	via HP-UX via HP-UX	5.0 5.0	No ⁶ No ⁶
7978°A/B	6250 cpi GCR 9-tk tape drive	HP-IB	NOP	Supported on all Models	No	5.5 ^{RW}	via HP-UX	via HP-UX	5.0	No ⁶
7979A 7980A Option 800	1600 cpi PE 9-tk tape drive 6250 cpi GCR 9-tk tape drive add 800 cpi NRZI	HP-IB HP-IB -	NOP NOP NOP	Supported on all Models Supported on all Models Supported on all Models	No No No	5.5 ^{RW} 5.5 ^{RW} 5.5 ^{RW}	via HP-UX via HP-UX via HP-UX	via HP-UX via HP-UX via HP-UX	6.2 6.2 6.2	No No No
7980XC	7980A w/data compression	HP-IB	NOP	Supported on all Models	No	5.5 ^{RW}	via HP-UX	via HP-UX	6.2	No
9142A°	¼-in. PCT ctg. tape drive	HP-IB	NA	Does not function on Series 300	No	No	No	No	No	No
9144A 9145A	67 Mb ¼-in. HCD CS/80 ctg. tape drive 134 Mb ¼-in. HCD CS/80 ctg. tape drive	HP-IB HP-IB	Rev.A Rev.A	Supported on all Models Supported on all Models	4.0 5.1	5.5 5.5	via HP-UX via HP-UX	via HP-UX via HP-UX	5.0 6.2	3.1 3.2

° Discontinued product listed for reference.

RW Only simple read/write operations are transparently supported to 9-track tape drives. Other tape motion control requires *mt(7) ioctl(2)* calls in a CSUB.

3 HP-IB 7970E tape drives may be converted to the supported 7971A configuration by upgrading the controller electronics to the latest revision and installing the drive in a 26078A cabinet.

6 A 7974 utility program is available (only) as part of the HP-EGS/200 98310A Photo-plotter/NC Drill software.

7 A post-7.0 software patch may be required to support this device. The patch will be included on 7.0 DSL systems. Contact the factory if configuring a user-installed HP-UX system.

9 Only sequential-mode is supported. Operator intervention or user programming required to change tapes.

Series 300 Terminal and Display Compatibility

The "Min. Boot ROM" column refers to the computer's ability to display power-up messages on the display, and control the boot process from the keyboard (if any) of the peripheral.

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	HP BASIC /UX	HP-UX/DOS 98286	SoftPC®	HP-UX	PAWS
A1096A	Monochrome VRX interface	DIO-II	Inv.	Under investigation	No	via HP-UX	via HP-UX	via HP-UX	Inv.	No
A1416A	Color VRX interface	DIO-II	Rev.D	Model 375 only	Uns.	via HP-UX	via HP-UX	via HP-UX	7.0	Uns.
C1001	Model 700/92 alpha terminal	RS232	Rev.A ¹	Supported on all Models	No	5.5 ^A	No	2.0	5.0	No
C1002	Model 700/94 alpha terminal	RS232	Rev.A ¹	Supported on all Models	No	5.5 ^A	No	2.0	6.0	No
°C1003	Model 700/41 alpha terminal	RS232	Uns.	Supported on all Models; not <i>term0</i>	No	Uns.	No	Uns.	6.2 ⁵	No
°C1004	Model 700/22 alpha terminal	RS232	Uns.	Supported on all Models; not <i>term0</i>	No	Uns.	No	Uns.	5.0	No
C1006	Model 700/43 alpha terminal	RS232	Uns.	Supported on all Models; not <i>term0</i>	No	Uns.	No	Uns.	6.2 ⁵	No
C1007	Model 700/44 alpha terminal	RS232	Uns.	Supported on all Models; not <i>term0</i>	No	Uns.	No	1.0	6.2 ⁵	No
C1010C#AB2	Simplified Chinese 700/92A	RS232	Rev.A	Supported only for Asian markets	Uns.	—	No	No	7.0	No
C1010J#ABJ	Japanese 700/92A	RS232	Rev.A	Supported only for Asian markets	Uns.	5.5 ^A	No	No	7.0	No
C1010K#AB1	Korean 700/92	RS232	Rev.A	Supported only for Asian markets	Uns.	5.5 ^A	No	No	7.0	No
C1010T#AB0	Traditional Chinese 700/92A	RS232	Rev.A	Supported only for Asian markets	Uns.	—	No	No	7.0	No
C1017A/G/W	Model 700/32 alpha terminal	RS232	Uns.	Supported on all Models; not <i>term0</i>	No	Uns.	No	Uns.	7.0	No
C2301A°/B	X-terminal base unit	LAN	NA	Supported on all Models with (X-11) X-Window System client capability	No	—	2.0	Unsup.	6.5	No
°C2302A	Monochrome X-terminal, 17"									
C2303A°/B	VGA color X-terminal, 14"									
C2304A°/B	Hi-res color X-terminal, 16"									
C2305A°/B	Gray Scale X-terminal, 19"									
C2307B	Color X-terminal, Japan, 19"									
D1181/82	Monitor: VGA	9pin	NA	Does not function on Series 300	NA	NA	NA	NA	NA	NA
D1187/88	16/20-inch multi-sync monitors	RGB	Unsup.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
Series 200	<As terminal: see 98791B>									
2382A°	Alphanumeric terminal	RS232	Rev.A ¹	Unsupported on all Models	No	Uns.	No	Uns.	5.0	No
2392A°	Alphanumeric terminal	RS232	Rev.A ¹	Supported on all Models	No	5.5 ^A	No	2.0	5.0	No
2393A	Graphics terminal	RS232	Rev.A ¹	Supported on all Models	No	5.5	No	1.0	5.0 ²	No
2394A°	Data entry terminal	RS232	Rev.A ¹	Supported on all Models	No	5.5 ^A	No	2.0	5.0	No
2397A	Color terminal	RS232	Rev.A ¹	Supported on all Models	No	5.5	No	2.0	5.0 ²	No
2621°A/B/P	Alphanumeric terminal	RS232	Uns.	Unsupported on all Models	No	Uns.	No	No	Uns.	No
2622°/23A°	Terminals	RS232	Rev.A ¹	Unsupported on all Models	No	5.5 ^A	No	Uns.	5.0 ⁵	No
2624B°	Data Entry Station	RS232	Rev.A ¹	Unsupported on all Models	No	Uns.	No	Uns.	Uns.	No
2625A° ¹	Graphics/IBM3270 terminal	RS232	Rev.A ¹	Unsupported on all Models	No	5.5	No	Uns.	5.0 ²	No
2626A°	Display Station	RS232	Rev.A ¹	Unsupported on all Models	No	Uns.	No	Uns.	Uns. ³	No
2627A°	Color graphics terminal	RS232	Rev.A ¹	Unsupported on all Models	No	5.5	No	Uns.	5.0 ²	No
2628A° ¹	Graphics/HP-WORD terminal	RS232	Rev.A ¹	Unsupported on all Models	No	5.5	No	Uns.	5.0 ²	No

Series 300 Terminals and Displays, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	HP-UX /UX	HP-UX/DOS 98286	SoftPC®	HP-UX	PAWS
2635/39°	Printing terminals	RS232	No	Unsupported on all Models	No	Uns.	No	Uns.	Uns.	No
2640...49°	Terminals	RS232	Uns.	Unsupported on all Models	No	Uns.	No	Uns.	Uns.	No
2675A°	Printing terminal	RS232	No	Unsupported on all Models	No	Uns.	No	Uns.	Uns.	No
Series 300	< As terminal: see 98791 >									
3082B	Industrial terminal	RS232	Rev.A ¹	Supported on all Models	No	Uns.	Uns.	Uns.	7.0	No
35721A-C°	Monitor: 512×390(400), monochrome, 14"	RS170		< see 98204B°, 98542A, 98543A, 98546A >						
35723A	Touchscreen bezel	HP-HIL	NOP	Supported where 35731/41A monitors are	4.0	5.5	Uns.	Uns.	5.0	3.12
35731A/B	Monitor: 512×400(390), monochrome, 12"	RS170		< see 2393A, 98542A, 98543A, 98546A >						
35741A/B	Monitor: 512×400(390), color, 12"	RGB		< see 2397A, 9666A, 98542A, 98543A, 98546A >						
35743A/B	Monitor: EGA	RGB	NA	Does not function on Series 300	NA	NA	NA	NA	NA	NA
45610°A/B ¹	HP 150 (as 2623A emulator)	RS232	Rev.A ¹	Supported on all Models	No	5.5	No	Uns.	5.0 ²	No
45850A° ¹	HP 150-II (as 2623A emulator)	RS232	Rev.A ¹	Supported on all Models	No	5.5	No	Uns.	5.0 ²	No
45710A° ¹	HP 110 <i>The Portable</i>	RS232	No	Supported on all Models	No	Uns.	No	Uns.	5.0	No
45711A ¹	<i>Portable Plus</i> (as 2622A)	RS232	Note ⁴	Supported on all Models	No	5.5 ^A	No	Uns.	5.0	No
724x5A	<i>Vectra PC</i> (as 2622A)	RS232	Note ⁴	Supported on all Models	No	5.5 ^A	No	Uns.	5.0	No
82912°/13°A	Monitors: 400×300, monochrome, 9/12"	RS170		< see 98204A° >						
9666A°	Ruggedized 2397A	RS232	Rev.A ¹	Supported on all Models	No	5.5	No	Uns.	5.0 ²	No
97056A°	Series 500 terminal emulator	RS232	Note ⁴	Supported on all Models	No	Uns.	No	Uns.	5.0	No
9807A°	<i>Integral PC</i>	RS232	Note ⁴	Supported on all Models	No	Uns.	No	Uns.	5.0	No
98204A°	400×300 B&W video	DIO-pair	Uns.	Unsupported on all Models	Uns.	Uns.	No	Uns.	Uns.	Uns.
98204B°	512×390 B&W video	DIO-pair	Rev.A	Supported only on Model 310 and 320	Uns.	Uns.	No	Uns.	Uns.	Uns.
98285A	512→1024 video upgrade	DIO-Sys.	Rev.C1	Supported on Models 332 and R/332 only.	5.13	Inv.	1.0	1.0	6.5	3.22
98287A°	98700°A/H CX Graphics i/f	DIO-I/O	Rev.A	Supported on all DIO-I hosts	4.0	5.5	No	No	5.0	3.12
98542A	512×400, B&W video	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340 and 345. Built-in on standard Model 310, 332, R/332 and V/360 Option 542.	4.0	5.5	1.0	No	5.0	3.12
98543A	512×400×4, color video	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340 and 345. Built-in on standard Model V/360 Option 543.	4.0	5.5	1.0	No	5.0	3.12

Series 300 Terminals and Displays, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	HP BASIC /UX	HP-UX/DOS 98286	HP-UX/DOS SoftPC®	HP-UX	PAWS
98544A°	1024×768, B&W video	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	1.0	1.0	5.0	3.12
98544B	1024×768, B&W video	DIO-Sys.	Rev.A	Supported on all Models except 319 and 345. Built-in-only on Model 318M, 332 Option 544, R/332 Option 544, 340M and V/360 Option 544.	4.0	5.5	1.0	1.0	5.0	3.12
98545A°	1024×768×4, color video	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	1.0	1.0	5.0	3.12
98546A	512×390, compatibility video	DIO-pair	Rev.A	Supported on all Models except 318, 319, 340, 345 and V/360.	4.0	No	No	1.0	5.0	3.12
98547A	1024×768×6, color video	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	1.0	1.0	5.0	3.12
98548A	1280×1024×1, MH mono. video	DIO-II	Rev.C ¹⁰	Supported on all Models except 310, 318, 319, R/332 and V/360. Built-in-only on Models 340MH and 345MH.	5.1	5.5 ¹⁵	1.0	1.0	5.5	3.21
98549A	1024×768×6, C+ color video	DIO-II	Rev.C ¹⁰	Supported on all Models except 310, 318 and R/332. Built-in-only on Models 319C+, 340C+, 345C+ and V/360 Option 549.	5.1	5.5 ¹⁵	1.0	1.0	5.5	3.21
98550A	1280×1024×8, CH color video	DIO-II	Rev.C ¹⁰	Supported on all Models except 310, 318, 319 and R/332. Built-in-only on Models 340CH, 345CH and V/360 Option 550.	5.1	5.5 ¹⁵	1.0	1.0	5.5	3.21
98556A	CHX Accelerator	98550	Rev.C	Supported wherever 98550A/CH is, except Models 320, 345 and V/360.	No	No	via HP-UX	via HP-UX	5.5	No
98700°	"CX" controller	MADbus	-	<see 98287A°>						
98702A§	Personal VRX LGB DIO-II i/f	DIO-II	Rev.D	Models 360,370,375 only	No	via HP-UX	via HP-UX	via HP-UX	7.03	No
98705A	Personal VRX P2	LGB	Rev.D	Models 360,370,375 only	No	via HP-UX	via HP-UX	via HP-UX	7.03	No
98705B	Personal VRX P3	LGB	Rev.D	Models 360,370,375 only	No	via HP-UX	via HP-UX	via HP-UX	7.03	No
98705C§	Personal VRX P1	LGB	Rev.D	Model 375 only	No	via HP-UX	via HP-UX	via HP-UX	7.03	No
98720A	<SRX Controller: see 98724/25A>	LGB								
98724A°	98720A SRX interface	DIO-I/O	Rev.A	Supported on Models 320 and 332 (not R/332) only.	No	5.5	2.0	1.0	5.18	No
98725A	98720A SRX interface	DIO-Sys.	Rev.A	Supported on Models 330, 350, 360, 370 and 375. Built-in-only on Models 319SRX, 340SRX and 345SRX.	No	5.5 ¹⁵	2.0	1.0	5.2	No
98726A	98730A TurboSRX interface	DIO-II	Rev.C	Supported on Models 330, 350, 360, 370 and 375. Built-in-only on Model 345TSRX.	No	5.5 ¹⁵	2.0	1.0	6.2	No

Series 300 Terminals and Displays, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	HP-UX /UX	HP-UX/DOS 98286	SoftPC®	HP-UX	PAWS
98727A	Turbo VRX pDMA G-Bus i/f	DIO-II	Rev.D	Model 375 only	No	via HP-UX	via HP-UX	via HP-UX	7.03	No
98728A	Turbo VRX vDMA G-Bus i/f	DIO-II	Rev.D	Model 375 only	No	via HP-UX	via HP-UX	via HP-UX	7.05	No
98730A	< TurboSRX: see 98726A >	LGB								
98735A	Turbo VRX T1 processor	G-Bus	-	< see 98727A >						
98736A	Turbo VRX T2 processor	G-Bus	-	< see 98727/28A >						
98736B	Turbo VRX T3 processor	G-Bus	-	< see 98727/28A >						
98751A°	Monitor: 1024×768, color, 19"	RGB		< see 98545A°/47/49A, 98700 >						
98752A°	Monitor: 1280×1024, color, 19"	RGB		< see A1416,98550,98705,98720,98730,98735/36 >						
98753A	Monitor: 1024×768, color, 19"	RGB		< see 98545A°/47/49A, 98700 >						
98754A	Monitor: 1280×1024, color, 19"	RGB		< see A1416,98550,98705,98720,98730,98735/36 >						
98774A	Monitor: 1280×1024, mono., 72 Hz, 19-in.	BNC	-	< see A1096A >						
98778A	Monitor: 1024×768, mono., 19"	BNC		< see 98544B >						
98781A°	Monitor: 1024×768, mono., 17"	9-pin		< see 98544A° >						
98782A°	Monitor: 1024×768, color, 19"	RGB		< see 98700,98545A°/47A/49A >						
98784A°	Monitor: 1280×1024, color, 19"	RGB		< see A1416,98550,98705,98720,98730,98735/36 >						
98785A	Monitor: 1024×768, color, 16"	RGB		< see 98545A°, 98547/49A, 98700 >						
°98786A	Monitor: 1024×768, mono., 17"	BNC		< see 98544B >						
98788A	Monitor: 1280×1024, mono., 19"	BNC		< see 98548A >						
98789A	Monitor: 1280×1024, color, 16"	RGB		< see A1416,98550,98705,98720,98730,98735/36 >						
98791B°	Series 200/300 terminal emulator	RS232	Note ⁴	Supported as peripheral on all Models	No	5.5 ^A	No	Uns.	5.0	No

° Discontinued product listed for reference.

§ This component product number is listed for reference and is not separately orderable at present.

A Supported only as an ALPHA device.

1 Use with the boot ROM requires a 98626A, 98642A, 98644A or built-in RS-232C interface. Boot ROM and system console support requires that the terminal be configured for HP *term0* or *term1* emulation mode (2622A, 2392A, 700/92, superset or equivalent thereof).

2 Graphics use requires 98642A or 98628A interface. HP-UX console use requires 98642A, 98644A or 98626A interface.

3 The 2626A is not recommended for use with the *vi* screen editor due to poor scrolling performance.

4 The use of a RAM-based terminal emulator with the boot ROM or as system console is not recommended.

5 Supported as a login terminal in Wyse 30 emulation mode. Contact your support representative for a 700/41 and 700/43 *terminfo* entry on systems prior to HP-UX 6.2. Not supported as system console. One HP *term0* device per site must be available for software installation, update and system diagnostics.

10 Revision A2 may be used if the card is configured for DIO-I address space; however, the 98556A accelerator requires that the C+ or CH card be configured to a DIO-II address.

15 ITE use requires card configured to DIO-I (not DIO-II) address space. Use unrestricted in X-Windows.

Series 300 Human Interface

The "Min. Boot ROM" column shows the earliest ROM capable of using the device as console keyboard.

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
A-LPFK	32-button pad	Serial	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
A1098A	DOMAIN keyboard	Serial	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
C1027A#ABA	Keyboard, 700/44 AT2-style (aka C1408A; see 98016A)	MITF5	Rev.C	Supported on all Models	Uns.	Uns.	Uns.	Uns.	6.5	Uns.
K1388	Dial set, 8 knob	Serial	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
K1410	Mouse, 3 button	Quad.	NOP	Supported on all Models	4.0	5.5	1.0	1.0	5.1	3.12
K1422	Spaceball XYZ, 8-button	Serial	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
K1424	Tablet, Summa Bit Pad Two	Serial	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
K1432	Tablet, Summa B-size	Serial	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
K1434	Trackball, 3-button, Marconi RB2	Quad.	NOP	Under investigation	Uns.	Uns.	Uns.	Uns.	Inv.	Uns.
K1435	Trackball, 3-button, Itac	Quad.	NOP	Under investigation	Uns.	Uns.	Uns.	Uns.	Inv.	Uns.
M1309A	Trackball, 3 button	HP-HIL	NOP	Supported on all Models	4.0	5.5	1.0	1.0	5.2	3.2
39800/01A°	Barcode readers	Serial	Uns.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
46020A/B°	Keyboard, ITF	HP-HIL	Rev.A	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
46021A	Keyboard, ITF	HP-HIL	Rev.A	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
46030A	Vectra Keyboard	HP-HIL	No	Unsupported.	5.0†	Uns.	No	No	Uns.	No
46060A	Mouse, 2 button	HP-HIL	NOP	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
46060B	Mouse, 3 button	HP-HIL	NOP	Supported on all Models	4.0	5.5	1.0	1.0	5.2	3.2
46080A	2.4m extension	HP-HIL	Rev.A	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
46081A	2.4m audio extension	HP-HIL	Rev.A	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
46082A/B	15/30m RGB extension	HP-HIL	Rev.A	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
46083A	Knob, 1 button	HP-HIL	NOP	Supported on all Models	4.0	5.5	Uns.	Uns.	5.0	3.1
46084A	ID Module	HP-HIL	NOP	Supported on all Models	4.0	5.5	Uns.	Uns.	5.0	5.3
46085A	Dial set, 9 knob	HP-HIL	NOP	Supported on all Models	5.0	5.5	Uns.	Uns.	5.0	No
46086A	32-button pad	HP-HIL	NOP	Supported on all Models	5.0†	5.5	Uns.	Uns.	5.0	No
46087	A-size tablet	HP-HIL	NOP	Supported on all Models	4.0	5.5	Uns.	Uns.	5.0	3.1
46090C	A-size tablet	HP-HIL	NOP	Supported on all Models	4.0	5.5	Uns.	Uns.	5.0	3.1
46088	B-size tablet	HP-HIL	NOP	Supported on all Models	4.0	5.5	Uns.	Uns.	5.0	3.1
46091C	B-size tablet	HP-HIL	NOP	Supported on all Models	4.0	5.5	Uns.	Uns.	5.0	3.1
46089A°/B	Cursor for 46087/88A	HP-HIL	NOP	Supported on all Models	4.0	5.5	Uns.	Uns.	5.0	3.1
46094A	Quadrature adaptor	HP-HIL	NOP	Supported on all Models	4.0	5.5	1.0	1.0	5.1	3.12
46095A°	Mouse, 3-button mouse <use K1410>	Quad.	NOP	Supported on all Models	4.0	5.5	1.0	1.0	5.1	3.12

Series 300 Human Interface, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
92911A	HP2620 barcode reader	2620	Uns.	<support via terminal>						
92915A	HP2390/150 barcode reader	MITF12	Uns.	<support via terminal>						
92916A	Barcode reader	HP-HIL	Uns.	Supported on all Models	4.0*	5.5	1.0	via HP-UX	5.0	3.1
92917A	HP 700 barcode reader	MITF5	Uns.	Support via terminal. Untested w/98016A						
98016A§	MITF5 keyboard adaptor	HP-HIL	Rev.C	Supported on all Models	Uns.	Uns.	Uns.	Uns.	6.5	Uns.
98203A	Small Keyboard	s200	NA	Does not function on Series 300	NA	NA	NA	NA	NA	NA
98203B	Large Keyboard	s200	NA	Does not function on Series 300	NA	NA	NA	NA	NA	NA
98203C	Large Keyboard	HP-HIL	Rev.A2	Supported on all Models. See Note† for 310 and 320.	4.03	No	No	No	No	3.12

§ "Special"; consult factory for availability.

* HP BASIC/WS 4.0 supports only "keycode" mode. BASIC 5.0 or later required for "ASCII" mode.

† 46030A *Vectra* keyboard and 46086A button pad accessible by user-written software as raw HP-HIL devices only, not as normal keyboards.

‡ Requires 1820-4784 or later i8042 keyboard ROM/ processor.

Series 300 Text Printer Compatibility

This table refers only to the simple print-and-space text printing capability of the printer. Refer to the **Graphics Device Compatibility** table (next) for information on support of vector/raster printing. DOS applications are usually device-dependent. Also, unless they support HP-PCL, they may require that the printer be switch-configured for IBM/Epson emulation.

Legend: cps - characters per second, lpm - lines per minute, ppm - pages per minute

Product	Description	Type	Hardware Support	Earliest Software Support					
				HP BASIC		HP-UX/DOS		HP-UX	PAWS
				/WS	/UX	98286	SoftPC®		
C1200A Std.	Asian System Printer Serial interface	APCL RS232	Supported on all Models Supported on all Models	Inv. Inv.	Inv. Inv.	via HP-UX via HP-UX	via HP-UX via HP-UX	6.2 6.2	Inv. Inv.
C1202A Opt.1AA Opt.1A8 Opt.1A9	Asian Serial Printer Parallel interface IEEE-488 interface Serial interface	APCL Par. HP-IB RS232	Supported on all Models Supported on all Models Supported on all Models Supported on all Models	Inv. Inv. Inv. Inv.	Inv. Inv. Inv. Inv.	via HP-UX via HP-UX via HP-UX via HP-UX	via HP-UX via HP-UX via HP-UX via HP-UX	6.2 Inv. 6.2 6.2	Inv. Inv. Inv. Inv.
C1602A Opt.1AX Opt.1AX Opt.1A8	PaintJet-XL B-size color Serial/Parallel interface Serial/Parallel interface IEEE-488 interface	RS232 Par. HP-IB	Supported on all Models Unsupported Supported on all Models	Inves. Uns. 6.0	Inves. Uns. Inves.	Inves. Uns. Inves.	Inves. Uns. Inves.	Inves. Uns. 7.0	Inves. Uns. Inves.
C2106A	DeskJet 500	RS232 Par.	Under investigation Under investigation	Inv. Uns.	Inv. Uns.	Inv. Uns.	via HP-UX Uns.	Inv. Uns.	Inv. Inv.
HCD-MMP K1626 K1627	Genicom impact 6ppm PostScript laser 15ppm PostScript laser	RS232 RS232 RS232	Unsupported Unsupported Unsupported	Uns. Uns. Uns.	Uns. Uns. Uns.	Uns. Uns. Uns.	Uns. Uns. Uns.	Uns. Uns. Uns.	Uns. Uns. Uns.
K2132	Tek Phasor Ps laser	RS232	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
LP26-S LP80010	PostScript laser PostScript laser	<any> Par.	Unsupported Unsupported	Uns. Uns.	Uns. Uns.	Uns. Uns.	Uns. Uns.	Uns. Uns.	Uns. Uns.
2225A 2225B 2225C/P 2225D	ThinkJet, IEEE-488 ThinkJet, portable ThinkJet ThinkJet, Serial	HP-IB ⁵ HP-IL Par. RS232	Supported ² on all Models Does not function on Series 300 Unsupported on all Models Supported on all Models	4.0 No Uns. Uns.	5.5 No Uns. Uns.	1.0 No Uns. Uns.	1.0 No Uns. Uns.	6.2 No Uns. Uns.	3.1 No Uns. Uns.
2227A 2227B 2228A	QuietJet Plus, Serial QuietJet Plus, IEEE-488 QuietJet, Serial	RS232 HP-IB RS232	Supported on all Models Supported on all Models Supported on all Models	5.0 5.0 5.0	5.5 5.5 5.5	1.0 1.0 1.0	1.0 1.0 1.0	5.1 5.1 ⁴ 5.1	Inv. 3.2 Inv.
2235A/C 2235B/D	RuggedWriter RuggedWriter	Par. HP-IB RS232	Unsupported Supported on all Models Supported on all Models	Uns. 5.0 Inv.	Uns. 5.5 5.5	Uns. 1.0 1.0	Uns. 1.0 1.0	Uns. 5.2 5.2	Uns. 3.1 Inv.
*2276A *2277A	DeskJet DeskJet Plus	RS232 Par. RS232 Par.	Supported on all Models Unsupported Supported on all Models Unsupported	5.1 Uns. 5.1 Uns.	5.5 Uns. 6.5 Uns.	1.0 Uns. 1.0 Uns.	via HP-UX Uns. via HP-UX Uns.	6.2 Uns. 6.5 Uns.	3.23 3.23 3.23 3.23

Series 300 Printers, continued...

Product	Description	Type	Hardware Support	Earliest Software Support					
				HP BASIC		HP-UX/DOS		HP-UX	PAWS
				/WS	/UX	98286	SoftPC®		
2562C	300 lpm dot-matrix imp.	PCL	Supported on all Models	4.0	5.5	via HP-UX	1.0	5.0	3.1
2563	300 lpm dot-matrix imp.	PCL	Supported on all Models	4.0	5.5	via HP-UX	1.0	5.0	3.1
2564	600 lpm dot-matrix imp.	PCL	Supported on all Models	Inv.	5.5	via HP-UX	1.0	5.1	Inv.
2565A°	600 lpm dot-matrix imp.	PCL	Supported on all Models	5.0	5.5	via HP-UX	1.0	5.1	3.1
2566	900 lpm dot-matrix imp.	PCL	Supported on all Models	5.0	5.5	via HP-UX	1.0	5.1	3.1
2567	1200 lpm dot-matrix imp.	PCL	Supported on all Models	4.0	5.5	via HP-UX	1.0	5.0	3.1
Opt.046	CIPER protocol (aka #290,850)	HP-IB	Supported on all Models	No	5.5	via HP-UX	1.0	5.0	No
Opt.046	Simple protocol (aka #200)	HP-IB	Supported on all Models	4.0	5.5	via HP-UX	1.0	5.0	3.1
Opt.049	Serial interface	RS232	Supported on all Models	Inv.	5.5	via HP-UX	1.0	5.1	Inv.
Opt.050	Serial interface	RS422	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
Opt.053	Parallel interface	Par.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
2601A° Opt.826	40 cps daisywheel imp. for use with Series 200/300	RS232	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
2602A° Opt.046	25 cps daisywheel imp. IEEE-488 interface	RS232 HP-IB	Unsupported on all Models Unsupported on all Models	Uns. Uns.	Uns. Uns.	Uns. Uns.	Uns. Uns.	Uns. Uns.	Uns. Uns.
2603A°	45 cps daisywheel imp.	RS232	Supported on all Models	5.0	Uns.	Uns.	Uns.		
2608A° Opt.046	400 lpm dot-matrix imp. AMIGO interface	HP-IB	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
2608S° Opt.290	400 lpm dot-matrix imp. CIPER interface	HP-IB	Unsupported on all Models	Uns.	No	via HP-UX	via HP-UX	5.0	No
2631B° Opt.046	180 cps dot-matrix imp. IEEE-488 interface	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	Uns.	Uns.	via HP-UX	via HP-UX	5.1	3.1
2631G°	180 cps (2631B plus graphics)	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	5.0	5.5	via HP-UX	via HP-UX	5.1	3.1
2671A/G°	120 cps dot-matrix thermal	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	5.0	Uns.	Uns.	Uns.	Uns.	3.1
2673A°	Intelligent dot-matrix graphics	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	5.0	Uns.	Uns.	Uns.	Uns.	3.1

Series 300 Printers, continued...

Product	Description	Type	Hardware Support	Earliest Software Support					
				HP BASIC		HP-UX/DOS		HP-UX	PAWS
				/WS	/UX	98286	SoftPC®		
2680A	45 ppm laser, DCS	HP-IB	Does not function on Series 300	No	No	No	No	No	No
2684A/D/P	LaserJet/2000 printer	PCL	Supported on all Models	Inv.	5.5	1.0	1.0	5.2	Inv.
26843A	Serial interface	RS232	Supported on all Models	Inv.	5.5	1.0	1.0	5.2	Inv.
26843B	Parallel interface	Par.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
26843C	Shortline interface	16-bit	No interface	No	No	No	No	No	No
26843D	Longline (dif.) interface	16-bit	No interface	No	No	No	No	No	No
2686A°	LaserJet, 8 ppm	PCL	Supported on all Models	4.0 ¹	5.5	1.0	1.0	5.0	3.1
Opt.300	LaserJet+ features	-	Supported on all Models	4.0 ¹	5.5	1.0	1.0	5.0	3.1
2686D°	LaserJet 500 (dual bin)	PCL	Supported on all Models	4.0 ¹	5.5	1.0	1.0	5.0	3.1
	Serial port	RS232	Supported on all Models	4.0 ¹	5.5	1.0	1.0	5.0	3.1
	Parallel port	Par.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
2687A°	12 ppm laser, not PCL	RS232	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
2688A°	12 ppm laser, DCS	HP-IB	Unsupported on all Models	No	No	No	No	No	No
Opt.850	For Series 200/300 use								
2932A°	200 cps dot-matrix imp.	RS232	Supported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
Opt.046	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
2933A°	200 cps "Factory Printer"	RS232	Supported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
Opt.046	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
2934A°	200 cps "Office Printer"	RS232	Supported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
Opt.046	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	1.0	1.0	5.0	3.1
33439P	PostScript cartridge for LaserJet-IID, -IIP & -III	Font slot	Supported on all Models	Uns.	Uns.	Uns.	Uns.	Inves.	Uns.
33440A	LaserJet-II printer	PCL	Supported on all Models	4.0 ¹	5.5	1.0	1.0	5.0	3.1
33447A	LaserJet-IID printer	PCL	Supported on all Models	5.1	5.5	1.0	1.0	6.2	3.2
33449A	LaserJet-III printer	PCL	Planned.	6.0	Inves.	Inves.	Inves.	Inves.	Inves.
	Serial interface	RS232	Supported on all Models	5.1	5.5	1.0	1.0	6.2	3.2
	Parallel interface	Par.	Planned	Inves.	Inves.	Inves.	Inves.	Planned	Planned
33459A	LaserJet-IIID printer	PCL	Planned.	Inves.	Inves.	Inves.	Inves.	Planned	Inves.
	Serial interface	RS232	Planned	Inves.	Inves.	Inves.	Inves.	Planned	Inves.
	Parallel interface	Par.	Planned	Inves.	Inves.	Inves.	Inves.	Planned	Planned
33471A	LaserJet-IIP printer	PCL	Planned.	Inves.	Inves.	Inves.	Inves.	7.0	Inves.
	Serial interface	RS232	Supported on all Models	5.1	5.5	1.0	1.0	6.2	3.2
	Parallel interface	Par.	Planned	Inves.	Inves.	Inves.	Inves.	Planned	Planned
3630A	PaintJet color printer	RS232	Supported on all Models	Inv.	5.5	1.0	via HP-UX	5.5	Uns.
Opt.001	Serial interface								
Opt.002	IEEE-488 interface								
Opt.003	Parallel interface	Par.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.

Series 300 Printers, continued...

Product	Description	Type	Hardware Support	Earliest Software Support					
				HP BASIC		HP-UX/DOS		HP-UX	PAWS
				/WS	/UX	98286	SoftPC®		
41063A°	Asian Workstation Printer	HP-IB	Supported on all Models	Inv.	5.5	via HP-UX	via HP-UX	5.2 ³	Inv.
w/41050A	Add serial interface	RS232	Supported on all Models	Inv.	Inv.	via HP-UX	via HP-UX	Inv. ³	Uns.
Opt.001	JIS level 1&2 Japanese	APCL	Supported on all Models	Inv.	5.5	via HP-UX	via HP-UX	5.2 ³	Inv.
Opt.002	Simplified PRC Chinese	APCL	Supported on all Models	Inv.	5.5	via HP-UX	via HP-UX	5.2 ³	Inv.
Opt.003	Traditional ROC Chinese	APCL	Supported on all Models	Inv.	5.5	via HP-UX	via HP-UX	5.2 ³	Inv.
7245B°	30 cps thermal plotter/printer	HP-IB	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
82905A°	80 cps dot-matrix imp.	HP-IB	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	3.12
Opts 001-004	IEEE-488 interface								
82905B°	80 cps dot-matrix imp.	HP-IB	Supported on all Models except 345, V/360 and 375.	5.0	Uns.	Uns.	Uns.	Uns.	3.12
Opts 001-004	IEEE-488 interface								
82906A°	160 cps dot-matrix imp.	HP-IB	Supported on all Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
Opts 001-004	IEEE-488 interface								
9871A°	30 cps daisywheel imp.	8-bit	Does not function on Series 300	No	No	No	No	No	No
Opt.001	IEEE-488 interface	HP-IB	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
9866B°	240 lpm dot-matrix thermal	8-bit	Does not function on Series 300	No	No	No	No	No	No
9876A°	400 lpm dot-matrix thermal	HP-IB	Supported on all Models	5.0	Uns.	Uns.	Uns.	Uns.	3.12

° Discontinued product listed for reference.

1 TRANSFER supported only on the 98628A interface.

2 Paper-out detection (and other conditions dependent on SRQ) are not supported.

3 Asian character set support requires 98515AJ (single-user) or 98595AJ (multi-user) HP-UX AXE.

4 At present, secondary commands (AMIGO protocol) must be disabled.

5 Use of SRQ is not supported.

6 Only monochrome graphics dump supported.

Series 300 Graphics Device Compatibility

This table covers graphics displays, plotters and tablets. It also covers printers in their graphics "raster dump" mode, and terminals/displays in their graphics mode. Be sure to check terminals/displays in the **Terminals and Displays** section as well as display interfaces in the **Interfaces and Accessories** section.

HP-UX/DOS and *SoftPC*® support for graphics devices is limited by the DOS application being used. All supported bit-mapped displays (see

Series 300 Terminal and Display section) emulate at least MDA and Hercules graphics. 2- and 3-button mice (and the M1309A trackball) emulate a MicroSoft mouse. All other graphics input, picking and pointing devices may work, but are unsupported. Graphics hardcopy (e.g. plotter) device support is application-dependent.

Raster dumping is supported only from "internal" CRT displays, and not from terminals, although most graphics terminals can raster dump to a

terminal-interfaced printer. Raster printing in HP-UX is accomplished by creating a *Starbase* bitmap file, and printing that file with *pcitrans*. This routine has functioned correctly with all HP raster standard (^EC*b...) printers tested so far. The 2930-series printers are also supported by HP-UX/DGL as vector devices via a rasterizing handler.

DGL programs may access all peripherals supported by *Starbase* via a *Starbase* handler. This is noted in the table by "SBL".

Product	Description	Type	Hardware Support	Earliest Software Support				
				HP BASIC		HP-UX		PAWS
				/WS	/UX	DGL	<i>Starbase</i>	DGL
A-LPFK	32-button keypad	Serial	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.
A1096A	Monochrome VRX board	DIO-II	Unsupported	No	via HP-UX	SBL	7.03	No
A1416A	Color VRX board	DIO-II	Model 375 only	No	via HP-UX	SBL	7.0	No
C1200A Std.	Asian System Printer Serial interface	APCL RS232	Supported on all Models Supported on all Models	Inv. Inv.	5.5 5.5	Inv. Inv.	5.5 5.5	Inv. Inv.
C1202A	Asian Serial Printer	APCL	Under investigation	Inv.	Inv.	-	Inv.	Inv.
Opt.1AA	Parallel interface	Par.	Supported on all Models	Inv.	Inv.	-	Inv.	Inv.
Opt.1A8	IEEE-488 interface	HP-IB	Supported on all Models	Inv.	Inv.	-	Inv.	Inv.
Opt.1A9	Serial interface	RS232	Supported on all Models	Inv.	Inv.	-	Inv.	Inv.
C1600A°	7600 Model 240D plotter	HP-GL/2	Supported on all Models	Inv.	5.5	SBL	6.2	Inv.
C1601A°	7600 Model 240E plotter	HP-GL/2	Supported on all Models	Inv.	5.5	SBL	6.2	Inv.
	IEEE-488 interface	HP-IB	Supported on all Models	Inv.	5.5	SBL	6.2	Inv.
	Serial interface	RS232	Supported on all Models	Inv.	5.5	SBL	6.2	Inv.
	Parallel interface	Par.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.
C1602A	<i>PaintJet</i> -XL B-size color	PCL						
Opt.1AX	Serial/parallel interface	RS232	Unsupported	Inves.	Inves.	Uns.	Inves.	Inves.
Opt.1AX	Serial/parallel interface	Par.	Unsupported	Inves.	Inves.	Uns.	Inves.	Inves.
Opt.1A8	IEEE-488 interface	HP-IB	Supported on all Models	6.0	Inves.	Uns.	7.0	Inves.
C1608A	HP-GL/2 cartridge	C1602A	Supported on all Models	6.0	via HP-UX	via HP-UX	7.0	Uns.
C1620A	7600 Model 355 (A0/E) color plotter	HP-GL/2	Supported on all Models	Inv.	5.5	SBL	7.0	Inv.
	IEEE-488 interface	HP-IB	Supported on all Models	Inv.	5.5	SBL	7.0	Inv.
	Serial interface	RS232	Supported on all Models	Inv.	5.5	SBL	7.0	Inv.
	Parallel interface	Par.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.

Series 300 Graphics Devices, continued...

Product	Description	Type	Hardware Support	Earliest Software Support				PAWS DGL
				HP BASIC /WS	HP-UX /UX	DGL	Starbase	
C1625/27A C1629/31A	7600 Model 250 (A1/D) mono plotter 7600 Model 255 (A1/D) mono plotter IEEE-488 interface Serial interface Parallel interface	HP-GL/2 HP-GL/2 HP-IB RS232 Par.	Supported on all Models Supported on all Models Supported on all Models Supported on all Models Unsupported	Inv. Inv. Inv. Inv. Uns.	5.5 5.5 5.5 5.5 Uns.	SBL SBL SBL SBL Uns.	7.0 7.0 7.0 7.0 Uns.	Inv. Uns. Uns. Uns. Uns.
C2106A	DeskJet 500 printer Serial interface Parallel interface	PCL RS232 Par.	Planned Planned Planned	Inv. Inv. Uns.	Inv. Inv. Uns.	SBL SBL Uns.	Planned Planned Uns.	3.23 3.23 3.23
C2301A°/B C2302A° C2303A°/B C2304A°/B C2305A°/B C2307A	X-terminal base unit Monochrome X-terminal, 17" VGA color X-terminal, 14" Hi-res color X-terminal, 16" Gray Scale X-terminal, 19" Color X-terminal, Japan, 19"	X11	Supported on all Models with (X-11) X-Window System client capability	No	—	SBL	6.5	No
K1388	Dial set, 8 knob	RS232	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.
K1410	Mouse, 3-button	Quad.	Supported on all Models	4.0	5.5	SBL	5.2	3.2
K1422 K1424 K1432	Spaceball XYZ, 8-button Summagraphics Bit Pad Two Summagraphics B-size tablet	RS232 RS232 RS232	Unsupported Unsupported Unsupported	Uns. Uns. Uns.	Uns. Uns. Uns.	Uns. Uns. Uns.	Uns. Uns. Uns.	Uns. Uns. Uns.
K1434 K1435	Trackball, 3-button, Marconi RB2 Trackball, 3-button, Itac	Quad. Quad.	Under investigation Under investigation	Uns. Uns.	Uns. Uns.	via HP-UX via HP-UX	via HP-UX via HP-UX	Inv. Inv.
K1603..06	Shinko CHC- color printers	<any>	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.
M1309A	Trackball, 3-button	HP-HIL	Supported on all Models	4.0	5.5	SBL	5.2	3.2
13279B°	Monitor: 1024×768, color, 19"	RGB	<Supported with 98627A>					
1351°A/S Opt.002	Graphics Translator 16-bit interface	HP-IB GPIO	Unsupported on all Models Unsupported on all Models	No No	No No	No No	No No	No No
17623A°	Tablet for 262x terminals	2620	Unsupported on all Models	No	Uns.	5.0	5.0	No
2225A 2225D	ThinkJet printer ThinkJet	HP-IB RS232	Supported on all Models Supported on all Models	Ras. Ras.	5.5 5.5	Ras. Ras.	6.2 5.2	3.12 Uns.
2227A 2228A	QuietJet Plus QuietJet Serial interface Parallel interface	PCL PCL RS232 Par.	 Supported on all Models Unsupported	 Ras. Uns.	 5.5 Uns.	 Ras. Uns.	 5.2 Uns.	 Uns. Uns.
2227B	QuietJet Plus	HP-IB	Supported on all Models	Ras.	5.5	Ras.	5.2	3.12
2235B/D 2235B/D	RuggedWriter RuggedWriter	HP-IB RS232	Supported on all Models Supported on all Models	Ras. Ras.	5.5 5.5	SBL SBL	5.2 5.2	3.23 Inv.

Series 300 Graphics, continued...

Product	Description	Type	Hardware Support	Earliest Software Support				
				HP BASIC		HP-UX		PAWS
				/WS	/UX	DGL	Starbase	DGL
*2276A	DeskJet printer	PCL	Supported on all Models	Inv.	5.5	SBL	5.5	3.23
*2277A	DeskJet Plus printer	PCL	Supported on all Models	Inv.	5.5	SBL	6.5	3.23
	Serial interface	RS232	Supported on all Models	Inv.	5.5	SBL	<above>	3.23
	Parallel interface	Par.	Unsupported	Uns.	Uns.	Uns.	Uns.	3.23
2393A	Graphics terminal	RS232	Supported on all Models	No	5.5	5.0	5.0	No
2397A	Color terminal	RS232	Supported on all Models	No	5.5	5.0	5.0	No
2562C	300 lpm dot-matrix printer	PCL						
2563	300 lpm dot-matrix printer	PCL						
2564	600 lpm dot-matrix printer	PCL						
2565A°	600 lpm imp. printer	PCL						
2566	900 lpm imp. printer	PCL						
2567	1200 lpm imp. printer	PCL						
Opt.046	CIPER protocol (aka #290,850)	HP-IB	Supported on all Models	No	5.5	Ras.	5.2	No
Opt.046	Simple protocol (aka #200)	HP-IB	Supported on all Models	Ras.	5.5	Ras.	5.2	3.12
Opt.049	Serial interface	RS232	Supported on all Models	Inv.	5.5	Ras.	5.2	Uns.
Opt.050	Serial interface	RS422	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.
Opt.053	Parallel interface	Par.	Unsupported	Uns.	Uns.	Uns.	Uns.	Uns.
2608A°	400 lpm AMIGO dot-matrix printer	HP-IB	Unsupported on all Models	No	No	No	No	No
2608S°	400 lpm dot-matrix printer							
Opt.290	CIPER interface	HP-IB	Unsupported on all Models	No	Uns.	Uns.	Uns.	No
2623A°	Monochromatic terminal	RS232	Unsupported on all Models	No	5.5	5.0	5.0	No
2627A°	Color terminal	RS232	Unsupported on all Models	No	5.5	5.0	5.0	No
2631G°	180 cps dot-matrix printer	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	5.0	Uns.	5.1	Uns.	3.12
2671G°	120 cps dot-matrix thermal prtr.	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	5.0	Uns.	Uns.	Uns.	3.12
2673A°	120 cps dot-matrix thermal prtr.	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	5.0	Uns.	Uns.	Uns.	3.12
2684A/D/P	LaserJet/2000 printer <see Printers for i/f support>	PCL	Supported on all Models	Inv.	5.5	Inv.	5.2	3.12
2686A° ³	LaserJet, 8 ppm	PCL	Supported on all Models	Ras.	5.5	Ras.	5.2	3.12
Opt.300	LaserJet + features	-	Supported on all Models	4.0	5.5	5.0	5.0	3.1
2686D° ³	LaserJet 500 (dual) <see Printers for i/f support>	PCL	Supported on all Models	Ras.	5.5	Ras.	5.2	3.12

Series 300 Graphics, continued...

Product	Description	Type	Hardware Support	Earliest Software Support				
				HP BASIC /WS	/UX	DGL	Starbase	PAWS DGL
2932A° 2933A° 2934A° Std. Opt.046	200 cps dot-matrix prtr 200 cps dot-matrix prtr 200 cps dot-matrix prtr Serial interface IEEE-488 interface	PCL PCL PCL RS232 HP-IB	Supported on all Models Supported on all Models	Uns. Ras.	5.5 5.5	Uns. Vec.	5.2 5.2	Uns. 3.12
33440A 33447A 33449A 33459A 33471A	<i>LaserJet</i> Series-II printer <i>LaserJet</i> -IID printer <i>LaserJet</i> -III printer <i>LaserJet</i> -IIID printer <i>LaserJet</i> -IIP printer <see Printers for i/f support>	PCL PCL PCL PCL PCL	Supported on all Models Supported on all Models Planned. Planned. Planned.	Ras. Ras. 6.0 Inves. Inves.	5.5 Inv. Inves. Inves. Inves.	Ras. SBL SBL SBL SBL	5.2 6.2 Inves. Planned Inves.	3.12 3.2 Planned Inves. Planned
3630A Opt.001 Opt.002 Opt.003	<i>PaintJet</i> color printer Serial interface IEEE-488 interface Parallel interface	PCL RS232 HP-IB Par.	Supported on all Models Supported on all Models Unsupported	Inv. 5.1 Uns.	5.5 5.5 Uns.	Inv. Ras. ⁸ Uns.	5.5 5.5 Uns.	Uns. Pla. Uns.
35721°A-C	Monitor: 512×390(400), monochrome, 14"	RS170	Supported with 98204B°, 98542A, 98543A, 98546A video interfaces					
35723A	Touchscreen bezel	HP-HIL	Supported where 35731/41A monitors are	4.0	5.5	SBL	5.0	3.1
35731A/B	Monitor: 512×400(390), monochrome, 12"	RS170	Supported with 2393A terminal and 98542/43/46A video interfaces					
35741A/B	Monitor: 512×400(390), color, 12"	RGB	Supported with 2397A terminal and 98542/43/46A video interfaces					
41063A w/41050A	Asian Workstation Printer ial interface	HP-IB RS232	Supported on all Models Supported on all Models	Pla. Inv.	Inv. Inv.	SBL Inv.	Inv. Inv.	Uns. Uns.
45610A/B° 45850A	HP 150 (used as 2623A emul.) HP 150-II (used as 2623A emul.)	RS232 RS232	Supported on all Models except 345, V/360 and 375. Supported on all Models	No No	5.5 5.5	5.0 5.0	5.0 5.0	No No
45911A° 45911C	Tablet, 11×11" Tablet, 11×11"	HP-HIL HP-HIL	Supported on all Models Supported on all Models	5.0 ⁵ 5.0 ⁵	5.5 5.5	SBL SBL	5.1 6.5	3.1 3.1
46020A/B° 46021A	Keyboard, ITF Keyboard, ITF	HP-HIL HP-HIL	Supported on all Models except 345, V/360 and 375 Supported on all Models	4.0 4.0	5.5 5.5	5.0 5.0	5.0 5.0	3.1 3.1
46060A 46060B	Mouse, 2 button Mouse, 3 button	HP-HIL HP-HIL	Supported on all Models Supported on all Models	4.0 4.0	5.5 5.5	SBL SBL	5.0 5.2	3.1 3.2
46083A 46085A	Control dial, single Dial set, 9 knob	HP-HIL HP-HIL	Supported on all Models Supported on all Models	4.0 5.0	5.5 5.5	SBL SBL	5.0 5.0	3.1 No
46086A	32-Button Pad	HP-HIL	Supported on all Models	5.0 ⁶	5.5	SBL	5.0	No

Series 300 Graphics, continued...

Product	Description	Type	Hardware Support	Earliest Software Support				
				HP BASIC		HP-UX		PAWS
				/WS	/UX	DGL	Starbase	DGL
46087	Digitizer, A-size	HP-HIL	Supported on all Models	4.0	5.5	SBL	5.0	3.1
Opt.001	46089A° cursor	4608x	Supported on all Models	4.0	5.5	SBL	5.0	3.1
46087C	Digitizer, A-size; stylus	HP-HIL	Supported on all Models	4.0	5.5	SBL	5.0	3.1
46088	Digitizer, B-size	HP-HIL	Supported on all Models	4.0	5.5	SBL	5.0	3.1
Opt.001	46089A° cursor	4608x	Supported on all Models	4.0	5.5	SBL	5.0	3.1
46088C	Digitizer, B-size; stylus	HP-HIL	Supported on all Models	4.0	5.5	SBL	5.0	3.1
46089A°/B°	4-button cursor 46087/88	4608x	Supported on all Models	4.0	5.5	SBL	5.0	3.1
46090C	Digitizer, A-size; cursor	HP-HIL	Supported on all Models	4.0	5.5	SBL	5.0	3.1
46091C	Digitizer, B-size; cursor	HP-HIL	Supported on all Models	4.0	5.5	SBL	5.0	3.1
46094A	Quadrature Adaptor	HP-HIL	Supported on all Models	4.0	5.5	SBL	5.1	3.12
46095A	Mouse, 3-button	Quad.	Supported on all Models	4.0	5.5	SBL	5.1	3.12
7060A	Tablet, 11×11-inch.	RS232	Unsupported on all Models	No	No	No	No	No
7090A	Analog rcdr + 7475A	HP-IB	Supported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.
7220/21°	B-size 4/8-pen pltrs	RS232	Unsupported on all Models	No	No	No	No	No
7225B°w/ 17601A	A-size, 1-pen plotter HP-GL module	HP-IB	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.
7240A°	Thermal pltr/prtr	RS232	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.
7245B°	Thermal pltr/prtr	HP-IB	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.
7440A	A-size, 8-pen <i>ColorPro</i> plotter	HP-GL						
Opt.001	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
Opt.002	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	5.0	5.0	3.1
17440A	HP-GL Enhancement ROM	7440A	Supported on all Models	NOP	NOP	SBL	7.0	NOP
7470A°	A-size, 2-pen plotter	HP-GL						
Opt.001	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
Opt.002	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	5.0	5.0	3.1
7475A	B-size, 6-pen plotter	HP-GL						
Opt.001	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
Opt.002	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	5.0	5.0	3.1
7510A°	Film recorder	HP-GL						
	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	Uns.	Uns.	Uns.
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	Uns.	No
7550A	B-size, 8-pen plotter	HP-GL						
	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	5.0	5.0	3.1
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
7570A	<i>DraftPro</i> C/D-size, 8-pen plotter	HP-GL						
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
w/17570A	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	SBL	5.1	3.2

Series 300 Graphics, continued...

Product	Description	Type	Hardware Support	Earliest Software Support				
				HP BASIC /WS	HP BASIC /UX	HP-UX DGL	HP-UX Starbase	PAWS DGL
7575A	<i>DraftPro</i> DXL, A..D-size, 8-pen plotter	HP-GL						
7576A	<i>DraftPro</i> EXL, A..E-size, 8-pen plotter	HP-GL						
w/17570A	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	SBL	5.1	3.22
7580A° Opt.002	D-size, 8-pen plotter IEEE-488 interface	HP-GL HP-IB	Supported on all Models except 345, V/360 and 375	4.0	5.5	5.0	5.0	3.1
7580B°	D-size, 8-pen plotter	HP-GL						
	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	5.0	5.0	3.1
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
7585A° Opt.002	E-size, 8-pen plotter IEEE-488 interface	HP-GL HP-IB	Supported on all Models except 345, V/360 and 375	4.0	5.5	5.0	5.0	3.1
7585B	E-size, 8-pen plotter	HP-GL						
	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	5.0	5.0	3.1
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
7586B	E-size, 8-pen, roll-feed	HP-GL						
	IEEE-488 interface	HP-IB	Supported on all Models	4.0	5.5	5.0	5.0	3.1
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.1	No
7595A	<i>DraftMaster</i> , E-size, 8-pen plotter	HP-GL/2						
	IEEE-488 interface	HP-IB	Supported on all Models	5.0	5.5	SBL	5.2	3.1
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.2	No
7595B	<i>DraftMaster</i> , E-size, 8-pen plotter	HP-GL/2						
	IEEE-488 interface	HP-IB	Supported on all Models	5.0	5.5	SBL	5.2	3.23 ¹⁶
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.2	No
7596A	<i>DraftMaster</i> , E-size, 8-pen, roll-feed	HP-GL/2						
	IEEE-488 interface	HP-IB	Supported on all Models	5.0	5.5	SBL	5.2	3.1
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	5.2	No
7599A	<i>DraftMaster</i> MX, E-size, 8-pen, roll-feed, spooled plotter	HP-GL/2						
	IEEE-488 interface	HP-IB	Supported on all Models	Inv.	5.5	SBL	7.0	3.23 ¹⁶
	Serial interface	RS232	Supported on all Models	Uns. ⁷	5.5	SBL	7.0	No
82905B° #001-004	80 cps dot-matrix imp. prtr IEEE-488 interface	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	Uns.	Uns.	No	No	Uns.
82906A° #001-004	160 cps dot-matrix imp. prtr IEEE-488 interface	HP-IB	Supported on all Models	Ras.	5.5	Ras.	Ras.	3.12

Series 300 Graphics, continued...

Product	Description	Type	Hardware Support	Earliest Software Support				
				HP BASIC /WS	HP-UX /UX	DGL	Starbase	PAWS DGL
82912°/13A°	Monitors: 400×300, monochrome, 9/12"	RS170	Supported where 98204A° is					
9111A°	Graphics tablet	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	4.0	5.5	5.0	5.0	3.1
9190A° ¹¹	HP <i>ScanJet</i> scanner	Par.	Unsupported on all Models.	Uns.	Uns.	Uns.	Uns.	3.23
9195A ¹¹	HP <i>ScanJet</i> scanner	Par.	Support planned on Models 345 and 375.	Uns.	Uns.	Uns.	Uns.	3.23
9666A°	Ruggedized 2397A	RS232	Supported on all Models	No	5.5	5.0	5.0	No
98204A°	400×300 video interface	DIO-pair	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	No
98204B°	512×390 video interface	DIO-pair	Supported only on Models 310 and 320	Uns.	Uns.	Uns.	Uns.	Uns.
98285A	512→1024 video upgrade	DIO-Sys.	Supported on Models 332 and R/332 only	5.13	Inv.	SBL	6.5	3.22
98287A°	1024×768×4,8 bit-mapped DIO-I/O 98700°A/H "CX" interface	DIO-I/O	Supported on all DIO-I hosts	4.0	5.5	SBL	5.0	3.1
98542A	512×400×1 bit-mapped interface	DIO-Sys.	Supported on all Models except 318, 319, R/332, 340 and 345. Built-in on Models 310, 332, R/332 and V/360 Opt.542.	4.0	5.5	SBL	5.0	3.1
98543A	512×400×4 bit-mapped interface	DIO-Sys.	Supported on all Models except 318, 319, R/332 and 340 and 345. Built-in on Model V/360 Opt.543.	4.0	5.5	SBL	5.0	3.1
98544A°	1024×768×1 bit-mapped interface	DIO-Sys.	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	SBL	5.0	3.1
98544B	1024×768×1 bit-mapped interface	DIO-Sys.	Supported on all Models except 319 and 345. Built-in-only on Models 318, [R/]332 Opt.544, 340M and V/360 Opt.544.	4.0	5.5	SBL	5.0	3.1
98545A°	1024×768×4 bit-mapped interface	DIO-Sys.	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	SBL	5.0	3.1
98546A	512×390×1 compatibility interface	DIO-Sys.	Supported on Models except 318, 319, 340, 345 and V/360.	4.0	No	5.0	Inv.	3.1

Series 300 Graphics, continued...

Product	Description	Type	Hardware Support	Earliest Software Support				
				HP BASIC /WS	HP BASIC /UX	HP-UX DGL	HP-UX <i>Starbase</i>	PAWS DGL
98547A	1024×768×6 bit-mapped interface	DIO-Sys.	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	SBL	5.0	3.1
98548A	1280×1024×1, MH mono. video interface	DIO-II	Supported on all Models except 310, 318, 319, R/332, 345 and V/360. Built-in-only on Models 340MH and 345MH.	5.1	5.5 ¹⁵	SBL	5.5	3.21
98549A	1024×768×6, C+ color video interface	DIO-II	Supported on all Models except 310, 318 and R/332. Built-in-only on Model 319C+, 340C+, 345C+ and V/360 Opt.549.	5.1	5.5 ¹⁵	SBL	5.5	3.21
98550A	1280×1024×8, CH color video interface	DIO-II	Supported on all Models except 310, 318, 319 and R/332. Built-in-only on Model 340CH, 345CH and V/360 Opt.550.	5.1	5.5 ¹⁵	SBL	5.5	3.21
98556A	CHX Accelerator	98550	Supported wherever 98550A/CH is, except Models 320, 345 and V/360.	No	No	SBL	5.5	No
98627A	512×474 RGB graphics	DIO-I/O	Supported on 310, 320. See Note 9.	4.0	Uns.	5.0	Uns.	3.1
98700°A/H 98710A°	CX Controller: see also 98287A° Graphics Accelerator	DIO-I/O 98700	Supported on all DIO-I/O Models except 340. Same as 98700A°	4.0 No	5.5 5.5	SBL SBL	5.0 5.0	3.1 Uns.
9872°A	B-size, 4-pen plotter	HP-IB	Unsupported on all Models	Uns.	Uns.	No	Uns.	Uns.
9872°B/S	B-size, 8-pen plotter	HP-IB	Supported on 310, 320, 330 and 350	Uns.	Uns.	5.0	5.0	3.12
9872°C/T	B-size, 8-pen plotter	HP-IB	Supported on all Models except 332, R/332, 340, 345, V/360 and 375.	Uns.	Uns.	5.0	5.0	3.1
98720A	SRX Controller: see also 98724/25	LGB	Supported on all Models except 310, 318 and V/360.	No	5.5 ¹⁵	SBL	5.18	No
98721A	Accelerator	98720	Same as 98720A	No	5.52 ¹⁵	SBL	5.18	No
98722A	8 Memory Planes	98720	Same as 98720A	No	5.5 ¹⁵	SBL	5.18	No
98724A	98720A SRX 1280×1024×8-24 i/f	DIO-I/O	Supported only on Model 320 and 332	No	5.5	SBL	5.18	No
98725A	98720A SRX 1280×1024×8-24 i/f	DIO-Sys.	Supported on all Models except 310, 318, 319, 320, R/332 and V/360. Built-in-only on Models 319SRX, 340SRX and 345SRX.	No	5.5 ¹⁵	SBL	5.18	No
98726A	98730A 1280×1024×8-24 i/f	DIO-II	Supported on Models 330, 350, 360, 370 and 375. Built-in only on Model 345TSRX.	No	5.5 ¹⁵	SBL	6.2	No
98730A	TurboSRX: see also 98726A	LGB	Supported on Models 330, 345TSRX, 350, 360, 370 and 375.	No	5.5 ¹⁵	SBL	6.2	No
98722A	8 Memory Planes	98730	Same as 98730A	No	5.5 ¹⁵	SBL	6.2	No
98732A	3D Accelerator	98730	Same as 98730A	No	5.52 ¹⁵	SBL	6.2	No
9874A°	Digitizer	HP-IB	Unsupported on all Models	Uns.	Uns.	No	No	Uns.

Series 300 Graphics, continued...

Product	Description	Type	Hardware Support	Earliest Software Support				
				HP BASIC /WS	HP-UX /UX	DGL	Starbase	PAWS DGL
98751A°	Monitor: 1024×768, color, 19"	RGB	Supported with 98545A°/47A/49A and 98287A°/98700°A/H video interfaces					
98752A°	Monitor: 1280×1024, color, 19"	RGB	Supported with A1416A, 98550, 98705, 98720, 98730 and 98735/36					
98753A	Monitor: 1024×768, color, 19"	RGB	Supported with 98545A°/47A/49A and 98700°					
98754A	Monitor: 1280×1024, color, 19"	RGB	Supported with A1416A, 98550, 98705, 98720, 98730 and 98735/36					
9876A°	400 lpm thermal printer	HP-IB	Supported on all Models	Uns.	Uns.	Ras.	5.2	3.12
98778A	Monitor: 1024×768, monochrome, 19"	BNC	Supported with 98544B video interface					
98781A°	Monitor: 1024×768, mono., 17"	9-pin	Supported with 98544A° video interface					
98782A°	Monitor: 1024×768, color, 19"	RGB	Supported with 98545A°/47A/49A and 98287A°/98700° video interfaces					
98784A°	Monitor: 1280×1024, color, 19"	RGB	Supported with A1416A, 98550, 98705, 98720, 98730 and 98735/36					
98785A	Monitor: 1024×768, color, 16"	RGB	Supported with 98545A°/47A/49A and 98287A°/98700°A/H video interfaces					
°98786A	Monitor: 1024×768, monochrome, 17"	BNC	Supported with 98544B video interface					
98788A	Monitor: 1280×1024, monochrome, 19"	BNC	Supported with 98548A video interface					
98789A	Monitor: 1280×1024, color, 16"	RGB	Supported with A1416A, 98550, 98705, 98720, 98730 and 98735/36					

° Discontinued product listed for reference.

2 41063A presently supported only in Asian ICON countries. Domestic U.S. support in progress.

3 Standard 2686A has insufficient raster memory for full 1024×768 graphics dump.

4 May be compatible with 7475A handler - has not been QA'd.

5 Digitizing over the full tablet is possible. Cursor tracking is not possible on top 25% of tablet.

6 Requires user-written raw HP-HIL device access. Not transparently supported as graphics button device in HP BASIC/WS.

7 HP BASIC/WS 5.0 graphics contains enhancements to permit possible future full support of RS-232C plotters. At present, non-trivial interface configuration and plotter escape sequence programming is required prior to "PLOTTER IS 9, "HPGL". To date only informal testing (on 7550A, 7570A and 7596A) has been performed.

8 Color printing from DGL requires linking of the *Starbase* Memory Driver.

9 The 98627A is supported on 330, 332, R/332, 350, 360 and 370, but only in HP BASIC/WS and Pascal/WS.

10 Revision A2 may be used if the card is configured for DIO-I address space.

11 A third-party DIO-I Centronics interface card is required to connect the *ScanJet* to a Series 300 computer other than a 345 or 375.

15 ITE use requires interface configured to DIO-I (not DIO-II) address space. X-Windows use unrestricted.

16 Supported in HP-GL (1) compatibility mode only.

Series 300 Data Communications Devices (Other than interface cards)

The "Min. Boot ROM" column refers to the computer's ability to load a remote system via the datacomm device.

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
13264A°	DSN/DL Data Link Adaptor	50pin	NOP	Unsupported on all Models.	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
13265A°	300 Baud Modem	50pin	No	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
13266A°	Current Loop Adaptor	50pin	Uns.	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
2285A°	LAN Interface unit	HP-IB	No	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
2334A°	X.25 Cluster controller	RS232	No	Supported on all Models	Uns.	5.5	via HP-UX	via HP-UX	5.0	Uns.
2335A	X.25 Cluster controller	RS232	No	Supported on all Models	Uns.	5.5	via HP-UX	via HP-UX	5.0	Uns.
2342A	TS8 LAN Terminal Server	LAN	No	Supported on all Models	No	5.5	—	—	—	No
2345A	DTC LAN Terminal Server	LAN	No	Supported on all Models	No	5.5	—	—	—	No
26075A	HP-IB Switch	HP-IB	Rev.A	Supported on all Models	4.0	5.5	1.0	1.0	5.1	3.1
28641A	ThinLAN MAU (10Base2)	AUI	Rev.B	Supported on all Models w/AUI	NA	5.5	2.0	1.3	5.0	3.23
28664A°	StarLAN-10 MAU	AUI	Rev.B	Supported on all Models w/AUI	NA	5.5	2.0	1.3	5.0	3.23
28685A	EtherTwist MAU (10BaseT)	AUI	Rev.B	Supported on all Models w/AUI	NA	5.5	2.0	1.3	5.0	3.23
30241A	ThickLAN MAU (10Base5)	AUI	Rev.B	Supported on all Models w/AUI	NA	5.5	2.0	1.3	5.0	3.23
37201A	RS-232 HP-IB Extender	HP-IB	No	Supported on all Models	4.0	5.5	1.0	via HP-UX	5.1	3.1
37203A°	Coax/Fibre HP-IB Extender	HP-IB	Uns.	Supported on all Models	4.0	5.5	1.0	via HP-UX	5.1	3.1
37204A	Coax/Fibre HP-IB Extender	HP-IB	Uns.	Supported on all Models	4.0	5.5	1.0	via HP-UX	5.1	3.1
37212A°	300/1200 baud modem	RS232	No	Supported on all Models	Uns.	5.5	1.0	via HP-UX	5.0	3.1 ²
37212B	2400 baud modem	RS232	No	Supported on all Models	Uns.	Inv.	Inv.	via HP-UX	6.5	Uns.
39301A°	Fibre Optic RS-232C MUX	RS232	NOP	Supported on all Models	Uns.	5.5	1.0	via HP-UX	5.1	Uns.
82169A	HP-IB/HP-IL Converter	HP-IB	No	Supported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
92178S	RS-232C switch	RS232	Uns.	Unsupported on all Models.	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
92203A	Codex 2264 V.342 modem	RS232	No	Under investigation	Uns.	Uns.	via HP-UX	vi HP-UX	Inv.	Uns.
92205A/C	Hayes <i>Smartmodem 1200</i>	RS232	No	Supported on all Models	Uns.	5.5	1.0	1.0	5.0	3.1 ²
92205B	Hayes <i>Smartmodem 2400</i>	RS232	No	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
92205J	[35031A] A-J 1200b modem	RS232	No	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
98028A°	SRM Multiplexer	50pin	Rev.A	Supported on all DIO-I Models	4.0	5.5	via HP-UX	via HP-UX	5.0	3.1
USR2400	Courier modem	RS232	No	Unsupported on all Models.	Uns.	5.5	via HP-UX	via HP-UX	5.0	Uns.
USR9600	Courier HST modem	RS232	No	Qualified on all Models.	Uns.	5.5	via HP-UX	via HP-UX	6.5	Uns.
RA12E-T1	Telebit modem	RS232	No	Qualified on all Models.	Uns.	5.5	via HP-UX	via HP-UX	6.5	Uns.

° Discontinued product listed for reference.

1 Auto-answer capability untested. Auto-dial must be user-written.

2 Modems supported requires user-written software or a Terminal Emulator package.

Series 300 Miscellaneous Peripheral Compatibility

The "Min. Boot ROM" column refers to the computer's ability to load a remote system in the case of the 98028A°, and to load a system from a device interfaced via the Bus Extender in the case of the 98568A, 98570A and 9888A.

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	HP BASIC /UX	HP-UX/DOS 98286	SoftPC®	HP-UX	PAWS
6940B	Multiprogrammer	GPIO	NOP	Yes	NA	NA	Yes	Yes	Yes	Yes
6942A	Multiprogrammer-II	HP-IB	NOP	Supported on all Models	4.0	5.5	Uns.	Uns.	Uns.	3.1
6944A	Series 200 Multiprogrammer	98633A	NOP	Yes	NA	NA	Yes	Yes	Yes	Yes
92203J/K	HP-IB → centronics converter	HP-IB	NOP	Supported on all Models	5.0	Via HP-UX	Via HP-UX	Via HP-UX	7.0	3.0
98242A/B	4-slot/2-slot DIO upgrade	DIO-Sys.	Rev.A	Supported on DIO-Sys. and DIO-II SPU's and expanders having no existing DIO slots.	5.0	5.5	1.0	1.0	5.2	3.2
98568A Standard	Series 300 DIO Expander DIO interconnect	300/16	Rev.A	Supported only on Models 310, 320 and 332 (not R/332), or on another 98568A.	4.0	5.5	1.0	1.0	5.0	3.1
Option 132	DIO-II interconnect	300/32	Rev.A2	Supported on Models 330, 350, 360, 370, 375, and on a 98570A expander.	5.0	5.5	1.0	1.0	5.2	3.2
98570A Option 004	Series 300 DIO-II Ext. Delete 4 DIO slots	300/32 -	Rev.A2 -	Supported on all DIO-II hosts. Does not affect support.	5.0	5.5	1.0	1.0	5.2	3.2
98577A	Series 300 VME Ext.	300/32	Rev.C	Supported on all DIO-II hosts.	No	via HP-UX	via HP-UX	via HP-UX	6.0	Uns.
9883A° 9884A°	Paper tape reader Paper tape punch	GPIO GPIO	NOP NOP	Unsupported on all Models. Supported on all DIO-I Models except 332, R/332, 340 and 375.	Uns. 4.0	Uns. Uns.	Uns. Uns.	Uns. Uns.Uns.	Uns. 3.1 ³	Uns.
9888A	Series 200 Bus Extender	Rev.A	DIO-I/O	Supported on all DIO-I/O Models except 340. See HP9000 Workstations Configuration Guide for restrictions.	4.0	5.5	1.0	1.0	5.0	3.1

° Discontinued product listed for reference.

* Model 330 computers must have a 98562-66513 or later processor board.

IO Supported only via CONTROL (<sc>,255,...) plus READIO/WRITEIO.

1 Auto-answer capability untested. Auto-dial must be user-written.

2 Modems supported requires user-written software or a Terminal Emulator package.

3 Paper tape punch support requires user-written software or the HP-EGS 98310A Photoplotter/NC Drill utility.

4 HP BASIC/WS 4.0 supports 92916A only as "keycode" device. HP BASIC/WS 5.0 required for "ASCII" mode support.

Series 300 Interface and Accessory Compatibility

The "Min. Boot ROM" column refers to the computer's ability identify the interface, load a system from the card or connected peripheral (if the interface supports this), and allow control of the boot process from the keyboard.

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	HP BASIC /UX	HP-UX/DOS 98286	SoftPC®	HP-UX	PAWS
A1096A	Mono VRX interface	DIO-II	Inv.	Under investigation	No	via HP-UX	via HP-UX	via HP-UX	7.03	No
A1416A	Color VRX interface	DIO-II	Rev.D	Model 375 only	No	via HP-UX	via HP-UX	via HP-UX	7.0	No
09920-6653x°	Series 200 Human Interface	DIO-I/O	NA	Does not function on Series 300	No	No	No	No	No	No
09920-66562	Model 237 video interface	DIO-I/O	NA	Does not mate with Series 300	No	No	No	No	No	No
28672A	SBX 8-port Mux	SBX	NA	Supported on 98297A only	No	Uns.	Uns.	Uns.	7.0 ¹⁰	Uns.
36592/93A	SNALink (incl. 98649A)	DIO-I/O	NOP	Supported on all DIO-I/O hosts	No	Via HP-UX	Uns.	Uns.	5.1	No
36941A	X.25/300 Link	DIO-I/O	NOP	Supported on all DIO-I/O hosts	No	Via HP-UX	Via HP-UX	Via HP-UX	6.5	No
50955A	IBM 3278 Coax interface	DIO-I/O	ID	Supported on all DIO-I/O hosts	NA	NA	Uns.	No	NA	3.1
50961A°	SRM Coax interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5	Uns.	Uns.	5.0	3.1
Option 200	For Series 200/300	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5	Uns.	Uns.	5.0	3.1
50962A	SRM Coax interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5	Uns.	Uns.	5.0	3.1
98143A	8 MHz Processor Upgrade	2xDIO	NA	Does not function on Series 300	NA	NA	NA	NA	NA	NA
98143U/T	12.5 MHz HP-UX Upgrade	2xDIO	NA	Does not function on Series 300	NA	NA	NA	NA	NA	NA
98171A	LAN interface (Thin)	DIO-I/O	Rev.B	Supported on all DIO-I/O hosts	No	5.5	Via HP-UX	Via HP-UX	5.0	3.23 ¹⁶
Option 740	Subs. 30241A ThickMAU	-	Rev.B	Supported on all DIO-I/O hosts	No	5.5	Via HP-UX	Via HP-UX	5.0	3.23 ¹⁶
Option 840°	Subs. 28664A StarLAN-10 MAU	-	Inves.	Supported on all DIO-I/O hosts	No	5.5	Via HP-UX	Via HP-UX	5.0	3.23 ¹⁶
Option 840	Subs. 28685A 10BaseT MAU	-	Inves.	Supported on all DIO-I/O hosts	No	5.5	Via HP-UX	Via HP-UX	5.0	3.23 ¹⁶
98201A	Custom Keypad interface	DIO-I/O	NA	Does not function on Series 300	NA	NA	NA	NA	NA	NA
98204A°	Video Output interface	DIO-pair	Uns.	Unsupported on all Models and may not function on some.	Uns.	Uns.	No	No	Uns.	Uns.
Option 090	Delete graphics card	DIO-Acc.	Uns.	Same as above.						
98204B°	Video Output interface	DIO-pair	Uns.	Unsupported on all Models	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
98229A	4 Mb ECC RAM pair, 1 Mbit	Short	Rev.D	Supported on Models 345 and 375	5.13	5.5	2.0	1.0	7.0	3.23
98229B	8 Mb ECC RAM pair, 1 Mbit	Tall	Rev.D	Supported on Model 375	5.13	5.5	2.0	1.0	7.0	3.23
98229C	4 Mb ECC RAM pair, 1 Mbit	Tall	Rev.D	Unsupported on Series 300	-	-	-	-	-	-
98229D	16 Mb ECC RAM pair, 4 Mbit	Tall	Rev.D	Unsupported on Series 300	-	-	-	-	-	-
98229E	32 Mb ECC RAM pair, 4 Mbit	Tall	Rev.D	Supported on Model 375	5.13	5.5	2.0	1.0	7.0	3.23
98229S	16 Mb ECC RAM pair 1 Mbit,	Short	Rev.D	Supported on Models 345 and 375	5.13	5.5	2.0	1.0	7.0	3.23
98235A	Model 340 AUI daughter board	340	Rev.C1	Supported only on Model 340	Uns.	Via HP-UX	Via HP-UX	Via HP-UX	6.2	3.23 ¹⁶
98237A	Model 340 ThinMAU daughter board	340	Rev.C1	Supported only on Model 340	Uns.	Via HP-UX	Via HP-UX	Via HP-UX	6.2	3.23 ¹⁶
98243A	Model 310-to-320 upgrade	DIO-Sys.	Rev.B*	Supported only on Model 310	4.0	5.5	1.0	1.0	5.0	3.1
98244A	Model 330-to-350 upgrade	DIO-II	Rev.B*	Supported only on Model 330	5.0	5.5	1.0	1.0	5.2	3.2
98247A	Model 330-to-360 upgrade	DIO-II	Rev.C1*	Supported only on Model 330	5.13	5.5	1.0	1.0	6.2	3.22
98247B	Model 350-to-370 upgrade	DIO-II	Rev.C1*	Supported only on Model 350	5.13	5.5	1.0	1.0	6.2	3.22
98247C	Model 360-to-370 upgrade	DIO-II	Rev.C1*	Supported only on Model 360	5.13	5.5	1.0	1.0	6.2	3.22

Series 300 Interfaces & Accessories, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
98248A	Floating point accelerator	DIO-II	ID	Supported on all DIO-II hosts	No	Uns.	NOP	Uns.	5.5	No
98248B	Floating point accelerator	DIO-II	ID	Supported on Models 330, 360 and 370	No	NOP	Uns.	Uns.	6.2	No
98253A	EPROM Programmer interface	DIO-Acc.	ID	Supported on 310, 320 and 330. Under investigation for other DIO-I/O hosts.	4.0	5.5 ¹⁰	No	No	No	3.1
98254A°	64 Kbyte RAM memory card	DIO-Acc.	Uns.	Unsupported on DIO hosts. Does not function on DIO-II hosts.	Uns.	Uns.	Uns.	Uns.	Uns.	Uns.
98255A	EPROM memory card	DIO-Acc.	Rev.A	Supported on all DIO-I/O hosts. Not supported in 9888A expander.	4.0	5.5 ¹⁰	Uns.	Uns.	Uns.	3.1
98256A	256 Kbyte RAM memory card	DIO-Acc.	Rev.A	Supported on Models 310 and 320 only.	4.0	5.5	1.0	1.0	5.0	3.1
98257A	1.0 Mbyte RAM memory card	DIO-Acc.	Rev.A	Supported on Models 310 and 320 only.	4.0	5.5	1.0	1.0	5.0	3.1
98258A	4 Mbyte DIO-II RAM/controller	DIO-II	Rev.A2	Supported on Models 330, 350 and 370 only.	5.0	5.5	1.0	1.0	5.2	3.2
98258B	4 Mbyte daughter RAM	98258A	Rev.A2	Supported on Models 330, 350 and 370 only.	5.0	5.5	1.0	1.0	5.2	3.2
98258C	12 Mbyte daughter RAM	98258A	Rev.A2	Supported on Models 350 and 370 only.	5.0	5.5	1.0	1.0	5.2	3.2
98259A	128K Bubble memory card	DIO-Acc.	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5 ¹⁰	Uns.	Uns.	Uns.	Uns.
98261A°	HP BASIC 1.0 ROM boards	DIO-Acc.	NA	Non-functional on Series 300.	NA	NA	NA	NA	NA	NA
	HPL 1.0 ROM card	DIO-Acc.	NA	Non-functional on Series 300.	NA	NA	NA	NA	NA	NA
98262A	HP-IB daughter Interface	98562- -6653x	Rev.A2	Supported on Models 330, 350, 360 and 370.	5.0	5.5	1.0	1.0	5.2	3.2
98264A	8 Mbyte DIO-II ECC RAM	DIO-II	Rev.A2	Supported on Models 350 and 370 only.	5.0	5.5	1.0	1.0	5.5	3.2
98264B	16 Mbyte DIO-II ECC RAM	DIO-II	Rev.A2	Supported on Models 350 and 370 only.	5.0	5.5	1.0	1.0	5.5	3.2
98265A	SCSI daughter Interface	98562- -6653x	Rev.C	Supported on Models 330, 350, 360 and 370.	No	Via HP-UX	Via HP-UX	Via HP-UX	6.0	3.23
98266A	4 Mbyte daughter RAM	319	Rev.C	Supported on Model 319 only.	5.0	5.5	No	1.0	5.5	3.2
98266B	8 Mbyte daughter RAM	319	Rev.C	Supported on Model 319 only.	5.0	5.5	No	1.0	5.5	3.2
98267A	4 Mbyte daughter RAM	360	Rev.C	Supported on Model 360 only.	5.13	5.5	1.0	1.0	6.2	3.22
98267B	8 Mbyte daughter RAM	360	Rev.C	Supported on Model 360 only.	5.13	5.5	1.0	1.0	6.2	3.22
98267C	12 Mbyte daughter RAM	360	Rev.C	Supported on Model 360 only.	5.13	5.5	1.0	1.0	6.2	3.22
98268A	4 Mbyte daughter RAM	340	Rev.C1	Supported on Model 340 only.	5.13	5.5	1.0	1.0	6.2	3.22
98269A	1 Mbyte daughter RAM	332	Rev.C1	Supported on Models 332 and R/332 only.	5.13	Inv.	1.0	1.0	6.5	3.22
98269B	4 Mbyte daughter RAM	332	Rev.C1	Supported on Model 332 and R/332 only.	5.13	Inv.	1.0	1.0	6.5	3.22
98270F	Powerfail upgrade	226/236	NA	Not installable on Series 300	NA	NA	NA	NA	NA	NA
98284A	MC68882 coprocessor	PGA	Rev.C1	Supported on Models 332 and R/332 only.	5.13	Inv.	1.0	1.0	6.5	3.22
98285A	512→1024 video upgrade	DIO-Sys.	Rev.C1	Supported on Models 332 and R/332 only.	5.13	Inv.	1.0	1.0	6.5	3.22
98286A	DOS Coprocessor 1.2	DIO-Acc.	NA	Supported on all DIO-I/O hosts	NA	NOP	Required	Ignored	5.2	NA
98286D/S	DOS Coprocessor 2.0	DIO-Acc.	NA	Supported on all DIO-I/O hosts	NA	NOP	Required	Ignored	6.2	NA

Series 300 Interfaces & Accessories, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
98287A°	98700H° interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5	No	No	5.0	3.1
98297A	RTI card	2xDIO-Sys.	NOP	Supported on all DIO-II Models	No	Uns.	Uns.	Uns.	7.0	Uns.
28672A	SBX 8-port Mux	SBX	NA	Supported on 98297A only	No	Uns.	Uns.	Uns.	7.0	Uns.
98299A	HP-IB daughter Interface	345/375	Rev.D	Supported on Models 345 and 375.	5.13	5.5	Via HP-UX	Via HP-UX	7.0	Planned
98299B	SCSI daughter Interface	345/375	Rev.D	Supported on Models 345 and 375.	Inves.	5.5	Via HP-UX	Via HP-UX	7.0	Inves.
98542A	512×400×1 bit-mapped	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, 340 and 345. Built-in-only on standard Model 310, 332, R/332 and V/360 Option 542.	4.0	5.5	1.0	No	5.0	3.1
98543A	512×400×4 bit-mapped	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340 and 345. Built-in-only on Model V/360 Option 542.	4.0	5.5	1.0	No	5.0	3.1
98544A°	1024×768×1 bit-mapped	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	1.0	1.0	5.0	3.1
98544B	1024×768×1 bit-mapped	DIO-Sys.	Rev.A	Supported on all Models except 319 and 345. Built-in-only on Models 318, [R/]332 Option 544, 340M and V/360 Option 544.	4.0	5.5	1.0	1.0	5.0	3.1
98545A°	1024×768×4 bit-mapped	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	1.0	1.0	5.0	3.1
98546A	512×390×1 compatibility	DIO-pair	Rev.A	Supported on all except Models 318, 319, 340, 345 and V/360.	4.0	No	1.0	Uns.	5.0	3.1
98547A	1024×768×6 bit-mapped	DIO-Sys.	Rev.A	Supported on all Models except 318, 319, R/332, 340, 345 and V/360.	4.0	5.5	1.0	1.0	5.0	3.1
98548A	1280×1024×1, MH mono. video	DIO-II	Rev.C ¹⁴	Supported on all Models except 310, 318, 319, R/332 and V/360. Built-in-only on Models 340MH and 345MH.	5.1	5.5 ¹⁵	1.0	1.0	5.5	3.21
98549A	1024×768×6, C+ color video	DIO-II	Rev.C ¹⁴	Supported on all Models except Model 310, 318 and R/332. Built-in-only on Models 319C+, 340C+, 345C+ and V/360 Option 549.	5.1	5.5 ¹⁵	1.0	1.0	5.5	3.21
98550A	1280×1024×8, CH color video	DIO-II	Rev.C ¹⁴	Supported on all Models except 310, 318, 319 and R/332. Built-in-only on Model 340CH, 345CH and V/360 Option 559.	5.1	5.5 ¹⁵	1.0	1.0	5.5	3.21

Series 300 Interfaces & Accessories, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	HP BASIC /UX	HP-UX/DOS 98286	SoftPC®	HP-UX	PAWS
98556A	CHX accelerator	98550	Rev.C	Supported where 98550A is, except Models 320, 345 and V/360.	No	No	NOP	NOP	5.5	No
98561-66511°	310 CPU: 10 MHz 68010/512 Kb/Video	DIO-Sys.	Rev.A	Supported only as Model 310.	4.0	5.5	1.0	Uns.	5.0	3.1
98561-66512°	310 CPU: 10 MHz 68010/1 Mb/Video	DIO-Sys.	Rev.A	Supported only as Model 310.	4.0	5.5	1.0	Uns.	5.0	3.1
98561-66513°	310 CPU: 10 MHz 68010/1 Mb	DIO-Sys.	Rev.A	Supported only as Model 310.	4.0	1.0	5.5	Uns.	5.0	3.1
98561-66519°	320 CPU: 16 MHz 68020/16 Kb cache	DIO-Sys.	Rev.A	Supported only as Model 320	4.0	1.0	1.0	5.5	5.0	3.1
98562-66511°	330 CPU: 16 MHz 68020/4 Mb	DIO-II	Rev.A2	Supported only as Model 330.	5.0	5.5	1.0	1.0	5.2	3.2
98562-66512	318 CPU: 16 MHz 68020/4 Mb	318	Rev.B	Supported only as Model 318.	Uns.	5.5	Uns.	1.0	5.2	Uns.
98562-66516°	350 CPU: 25 MHz 68020/32 Kb cache	DIO-II	Rev.A2	Supported only as Model 350.	5.5	5.0	1.0	1.0	5.2	3.2
98561-66522	320 CPU: 16 MHz 68020/16 Kb cache	DIO-II	Rev.B	Supported only as Model 320.	4.0	5.5	1.0	1.0	5.0	3.1
98561-66524	310 CPU: 10 MHz 68010/512 Kb/Video	DIO-Sys.	Rev.B	Supported only as Model 310.	4.0	5.5	1.0	Uns.	5.0	3.1
98561-66525	310 CPU: 10 MHz 68010/1 Mb/Video	DIO-Sys.	Rev.B	Supported only as Model 310.	4.0	5.5	1.0	Uns.	5.0	3.1
98561-66526	310 CPU: 10 MHz 68010/1 Mb	DIO-Sys.	Rev.B	Supported only as Model 310.	4.0	5.5	1.0	Uns.	5.0	3.1
98562-66513	330 CPU: 16 MHz 68020/4 Mb	DIO-II	Rev.C	Supported only as Model 330.	5.0	5.5	1.0	1.0	5.2	3.2
98562-66517	350 CPU: 25 MHz 68020/32 Kb cache	DIO-II	Rev.C	Supported only as Model 350.	5.0	5.5	1.0	1.0	5.2	3.2
98561-66530..32	320 Human Interface	DIO-I/O	Rev.A	Supported only as Model 320.	4.0	5.5	1.0	1.0	5.0	3.1
98562-66530/33	DIO-II System i/f (ThinLAN)	DIO-II	Rev.A2	Supported on all DIO-II hosts.	4.0	5.5	1.0	1.0	5.0	3.2
98562-66534	DIO-II System i/f (AUI)	DIO-II	Rev.A2	Supported on all DIO-II hosts.	4.0	5.5	1.0	1.0	5.0	3.2
98564-66510	319 CPU: 16 MHz 68020/4Mb	319	Rev.C1	Supported only as Model 319	5.11	5.5	NA	1.0	1.0	5.5
98564-66511	319 CPU: 16 MHz 68020/8Mb	319	Rev.C1	Supported only as Model 319	5.11	5.5	NA	1.0	1.0	5.5
98571-66510	340 CPU: 16 MHz 68030/4Mb	340	Rev.C1	Supported only as Model 340	5.13	5.5	2.0	1.0	6.2	3.22
98579-66510	360 CPU: 25 MHz 68030/4 Mb	DIO-II	Rev.C1	Supported only as Model 360	5.13	5.5	1.2	1.0	6.2	3.22
98579-66515	370 CPU: 33 MHz 68030/64 Kb cache	DIO-II	Rev.C1	Supported only as Model 370	5.13	5.5	1.2	1.0	6.2	3.22
98571-66540	Model 340 internal SCSI i/f	340	Rev.C	Supported only as Model 340	No	Via HP-UX	Via HP-UX	Via HP-UX	6.5	No
98572-66510	332 SPU, 512×400 mono video	DIO-Sys.	Rev.C1	Supported only as Model 332	5.13	Inv.	1.0	1.0	6.5	3.22
98572-66511	332 SPU, no video	DIO-Sys.	Rev.C1	Supported only as Model 332	5.13	Inv.	1.0	1.0	6.5	3.22
98572-66512	332 SPU, 1024×768 mono video	DIO-Sys.	Rev.C1	Supported only as Model 332	5.13	Inv.	1.0	1.0	6.5	3.22
98574-63510	375 CPU (50 MHz 68030)	375	Rev.D	Supported only on Model 375	5.13	5.5	1.2	1.0	7.0	3.23
98574-63512	375 SPU board (without CPU)	DIO-II	Rev.D	Supported only as Model 375	5.13	5.5	1.2	1.0	7.0	3.23
98578-63510	345 CPU (50 MHz 68030)	345	Rev.D	Supported only on Model 345	5.13	5.5	1.2	1.0	7.0	3.23
98578-63512	345 SPU board (without CPU)	345	Rev.D	Supported only as Model 345	5.13	5.5	1.2	1.0	7.0	3.23

Series 300 Interfaces & Accessories, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC		HP-UX/DOS		HP-UX	PAWS
					/WS	/UX	98286	SoftPC®		
98601A	HP BASIC 2.0 ROM card	DIO-Acc.	Uns.	Will not execute on Series 300.	NA	NA	NA	NA	NA	NA
	HPL 2.0 ROM card	DIO-Acc.	Uns.	Will not execute on Series 300.	NA	NA	NA	NA	NA	NA
98603A	HP BASIC 4.0 ROM card	DIO-Acc.	Rev.A	Supported on Model 310 and 320 only.	"4.0"	NA	NA	NA	NA	NA
98603B	HP BASIC 5.1 ROM card	DIO-Acc.	Rev.A	Supported on Model 310, 320, 330 and 350 only.	"5.1"	NA	NA	NA	NA	NA
98620A°	DMA controller	DIO-Acc.	Rev.A	Supported on Model 310 and 320 only.	4.0	No	No	No	No	3.1
98620B	DMA controller	DIO-Acc.	Rev.A	Supported on Model 310 and 320 only.	4.0	5.5	1.0	1.0	5.0	3.1
"98620C"	DMA controller	-	Rev.B	Built-in on all Models except 310 & 320.	5.0	5.5	1.0	1.0	5.0	3.1
98622A	GPIO interface	DIO-I/O	ID	Supported on all DIO-I/O hosts	4.0	5.5	Uns.	Uns.	5.0	3.1
98623A	BCD interface	DIO-I/O	ID	Supported on all DIO-I/O hosts	4.0	5.5 ¹⁰	No	No	<i>iomap</i>	No
98624A	HP-IB interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5	1.0	1.0	5.0	3.1
98625A ⁹	High-speed HP-IB interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0 ⁴	5.5	1.0	1.0	5.0	3.1
98625B	High-speed HP-IB interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0 ⁴	5.5	1.0	1.0	5.0	3.1
98626A	RS-232C Serial interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5	1.0	1.0	5.0	3.1
98627A	Color Video Output interface	DIO-I/O	Rev.A ⁵	Supported on Models 310 and 320. Support on 330 and 350 limited to BASIC/WS and PaWS. Unsupported on all other Models.	4.0	Uns.	No	No	5.1	3.1
98628A	Datacomm interface	DIO-I/O	ID ⁶	Supported on all DIO-I/O hosts	4.0	5.5	1.0	1.0	5.0	3.1
98629A°	SRM interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5	Uns.	Uns.	5.0	3.1
98630A	Breadboard interface	DIO-1	Uns.	Supported on all DIO-I/O hosts	4.0	5.5	Uns.	Uns.	<i>iomap</i>	3.1 ¹
98633A	6944A Multiprogrammer i/f	DIO-I/O	ID	Supported on all DIO-I/O hosts	4.0	5.5 ¹⁰	Uns.	Uns.	<i>iomap</i>	3.1
98635A	Floating Point Math board	DIO-Acc.	ID	Supported on Model 310 and 320 only.	4.0	5.5	Ignored	Ignored	5.0	3.1 ¹³
98638A	8-port RS-232C/422 Mux i/f	DIO-Sys.	ID	Supported on all Models with available DIO-II or DIO-System slot.	No	5.5	1.0	1.3	6.2	No
98640A	Analog-to-Digital card (ADC)	DIO-I/O	ID	Supported on all DIO-I/O hosts	4.0	5.5 ¹⁰	Uns.	Uns.	<i>iomap</i>	3.1
98641A	RJE 2780/3780 interface	DIO-I/O	ID	Supported on all DIO-I/O hosts	Uns.	Uns.	Uns.	Uns.	5.1	No
98642A	4-port RS-232C Mux interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	No	5.5	1.0	1.0	5.0	No
98643A°	LAN interface	DIO-I/O	Rev.B	Supported on all DIO-I/O hosts	No	5.5	Via HP-UX	Via HP-UX	5.0	3.23 ¹⁶
98644A	RS-232C Serial interface	DIO-I/O	Rev.A	Supported on all DIO-I/O hosts	4.0	5.5	1.0	1.0	5.0	3.1
98646A	VMEbus interface	DIO-I/O	NOP	Supported on all DIO-I/O hosts	4.0 ⁸	5.5 ¹⁰	Uns.	Uns.	5.1 ⁸	3.1 ⁸
98647A	PC-IB interface	DIO-I/O	NOP	Supported on all DIO-I/O hosts	4.0 ⁸	5.5 ¹⁰	Uns.	Uns.	<i>iomap</i>	No
98649A	SDLC interface (see 36592A)	DIO-I/O	NOP	Supported on all DIO-I/O hosts	No	NOP	Uns.	Uns.	5.1	No
98658A	SCSI interface	DIO-I/O	Rev.C	Supported on all DIO-I/O hosts except 310 and 320	No	Via HP-UX	Via HP-UX	Via HP-UX	6.5	3.23
98691A	PDI interface	DIO-I/O	ID	Supported on all DIO-I/O hosts	No	5.5 ¹⁰	Uns.	Uns.	No	3.1 ¹
98695A°	IBM 3270 Coax interface	DIO-I/O	ID	Supported on all DIO-I/O hosts	No	NOP	Uns.	Uns.	No	Note ⁷

Series 300 Interfaces & Accessories, continued...

Product	Description	Type	Min. Boot ROM	Hardware Support	Earliest Software Support					
					HP BASIC /WS	HP-UX /UX	HP-UX/DOS 98286	SoftPC®	HP-UX	PAWS
98702A\$	Personal VRX LGB interface	DIO-II	Rev.D	Models 360,370,375 only	No	via HP-UX	via HP-UX	via HP-UX	7.03	No
98724A	98720A SRX interface	DIO-I/O	Rev.A	Supported on Model 320 and [R/]332.	No	5.5 ¹⁵	2.0	1.0	5.18	No
98725A	98720A SRX interface	DIO-Sys.	Rev.A	Supported on Models 330, 332 (not R/332), 350, 360 and 370. Built-in-only on Models 319SRX, 340SRX and 345SRX.	No	5.5	2.0	1.0	5.2	No
98726A	98730A TurboSRX interface	DIO-II	Rev.C	Supported on all DIO-II hosts.	No	5.5 ¹⁵	2.0	1.0	6.2	No
98727A\$	Turbo VRX pDMA interface	DIO-II	Rev.D	Model 375 only	No	via HP-UX	via HP-UX	via HP-UX	7.03	No
98728A\$	Turbo VRX vDMA interface	DIO-II	Rev.D	Model 375 only	No	via HP-UX	via HP-UX	via HP-UX	7.05	No
9888A	Series 200 Bus Extender	DIO-I/O	Rev.A	Supported on all DIO-I/O Models except 340. See Series 300 Workstation Configuration Guide for restrictions.	4.0	5.5	1.0	1.0	5.0	3.1

° Discontinued product listed for reference.

* This is the boot ROM version shipping with current upgrade orders.

§ Component listed for reference and not separately orderable from VRX packages.

IO Supported only via CONTROL (<sc>,255,...) plus READIO/WRITEIO.

1 Requires low-level user I/O programming.

2 HP-UX use of the 50961A or 98269A requires 98693A SRM Utilities software.

3 HP-UX use of the 98641A requires 98797A RJE Terminal Emulator software.

4 Supported only for filesystem I/O with mass-storage devices.

5 The 98627A is used for boot ROM messages if it is the *only* display or terminal interface present.

6 The 98628A is identified and tested by the boot ROM, but is not used to display messages.

7 Existing 98695A owners should order SMS for 98795A to obtain an upgrade to the 50955A software, or order 50955A Opt UPG.

8 98646A requires 98358A software (Option determines operating system & media). 98647A requires 98357A software. These packages execute only in HP BASIC/WS 4.0, Pascal 3.1 and 3.2. Basic 5.1, HP-UX 6.0 and later systems include 98646A support software as a standard feature.

9 Only one 98625A° is supported per system. A 98625A° is not supported in a system which also has any SCSI interface. If a 98625A° is used in a system having a one or more 98625Bs, the 'A' and 'B' cards must be set to interrupt levels 4 and 3, respectively.

10 Supported for simple read-write and user-written drivers only. No login(1) or termio(7) support. Select the 98638A for generic Unix serial applications.

11 Requires 1820-4784 or later i8042 keyboard controller.

12 46030A Vectra keyboard and 46086A button box accessible by user-written application as raw HP-HIL device only, not as normal keyboard.

13 Fully supported by Pascal only on Model 310. Untested on Model 320.

14 Revision A2 may be used if the card is configured for DIO-I address space.

15 ITE use requires interface configured to DIO-I (not DIO-II) address space. X-Windows use unrestricted.

LAN interfaces supported only for 3rd-party application access.

Software Compatibility

The Boot ROM column shows the earliest boot ROM compatible with the operating system. Unless noted, all later boot ROMs are also compatible.

Subsystem and application compatibility is no longer documented in this matrix. Consult the matrix published by the software integration lab.

Mainframe and Operating System Compatibility

Operating System	Revision Range	Boot ROM	Compatible SPU Models
BASIC/WS, ROM*	4.0	Rev.A	Model 310 and 320
BASIC/WS, ROM*	5.1	Rev.A	Models 310, 320, 330 and 350
BASIC/WS, RAM	4.03	Rev.A	Model 310 and 320
BASIC/WS, RAM	5.11	Rev.A	Model 310, 319, 320, 330 and 350.
BASIC/WS, RAM	5.13	Rev.A	Model 310, 319, 320, 330, 332, R/332, 340, 350, 360 and 370. Model 345 and 375 with restrictions.
BASIC/WS, RAM	6.0	Rev.A	All Series 300 SPUs.
BASIC/UX	5.52	NA	Any SPU supported by HP-UX 7.0.
HPL*	None	NA	HP versions of HPL are inoperative on Series 300.
HP-UX	5.0→6.5	Rev.A	Model 310.
HP-UX	5.0→current	Rev.A	Model 320.
HP-UX	5.2→current	Rev.A	Models 318, 320, 330 and 350.
HP-UX	5.5→current	Rev.A	Models 318, 319, 320, 330 and 350.
HP-UX	6.2→current	Rev.A	Models 318, 319, 320, 330, 340, 350, 360 and 370.
HP-UX	6.5→current	Rev.A	Models 318, 319, 320, 330, 332, R/332, 340, 350, 360 and 370.
HP-UX	7.0→current	Rev.A	Models 318, 319, 320, 330, 332, R/332, 340, 345, 350, 360, V/360, 370 and 375.
Pascal/WS	3.12→current	Rev.A	Model 310 and 320.
Pascal/WS	3.20→current	Rev.A	Models 310, 320, 330 and 350.
Pascal/WS	3.21→current	Rev.A	Models 310, 319, 320, 330 and 350.
Pascal/WS	3.22→current	Rev.A	Models 310, 319, 320, 330, 332, R/332, 340, 350, 360 and 370.
Pascal/WS	3.23→current	Rev.A	Models 310, 319, 320, 330, 332, R/332, 340, 345, 350, 360, 370 and 375.
SRM (as server)	NA	NA	Not supported (as server) on Series 300.
DOS Co-processor	—	NA	Supported on all Models except 318, 319, 345 and V/360.
SoftPC®	1.0→current	NA	Supported on all Models except 310

* A version of HPL that supports Series 300 is available from an HP+ independent software vendor.

Series 300 Matrix: revision log for ftp version

Date	Description of Revision
90/10/24	Added 92203J/K <i>MicroPrint</i> 45CH to Miscellaneous.
90/10/19	Corrected typos on AADDESTC tape support.
90/10/10	C23xx-Series X-terminals not supported on <i>SoftPC</i> .
90/09/20	Added entries for C221xD and C2269A. Obsoleted 35401A.
90/09/19	Added Pascal 3.23 support.
90/09/10	98229B not supported on 345 (mechanically incompatible).
90/08/28	Corrected typos on C1200/1202A Options.
90/08/22	<ul style="list-style-type: none"> • BASIC/WS 6.0 supports 345, 375 and SCSI (direct-access only). • Added several SCSI disks to BASIC/WS • Added C1602A and 33449A to BASIC/WS
90/07/24	Added this log page.
90/07/16	<ul style="list-style-type: none"> • Corrected VRX support. • Added more 98229 RAM boards. • Added more s300 CPU boards for completeness.
90/07/11	<ul style="list-style-type: none"> • Moved human interface devices to their own section. • Added "Type" column to all sections. • Restructured Printer section.
90/07/10	<ul style="list-style-type: none"> • Added Apollo/ext and s400/int SCSI peripherals for reference. • Added Apollo human interface devices for reference. • Added VRX cards/processors/monitors.
90/07/09	<ul style="list-style-type: none"> • This document now available via ftp.
90/06/05	Deleted "Displays" section. Tracking down details of display support has become an unmanageable task, and the information in this matrix section is getting dangerously out of date.
90/06/01	Added 98778A monitor.